

THE GRAIN GROWERS' GUIDE

Organization · Education · Co-operation

Winnipeg Man

January 5, 1916

\$ 1.50 per Year



BREAKING IN THE YOUNGSTERS

Circulation over 34,000 weekly

Short Course School in AGRICULTURE and Domestic Science

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FOREMOST	Jan. 13, 14, 15, 1916
LETHBRIDGE	Jan. 17, 18, 19, 1916
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CALGARY	Jan. 24, 25, 26, 1916
ACME	Jan. 27, 28, 29, 1916
PONOKA	Jan 31, Feb. 1, 2, 1916
CASTOR	Feb. 3, 4, 5, 1916

A list of additional schools, with dates, will appear in a later issue.

Under the auspices of the Fairs and Institutes and Women's Institutes Branches of the Department of Agriculture, Alberta.

Courses of instruction will be given in Livestock, Dairying, Agronomy and Poultry Raising.

The Champion Shorthorn bred steer from the recent Ontario Fat Stock show has just been secured and will be used for demonstration purposes. Lectures and demonstrations for women will be given in Cooking, Sewing, Laundry Work and Home Nursing.

Four carloads of pure-bred stock will be carried for demonstration purposes.

The Canadian Pacific Railway are carrying this stock free of charge.

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J. DOUGALL,
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and enjoy the season's sport. Either of these splendid Fowling Pieces will be sent absolutely free, all charges prepaid, to anyone who will spend only a few hours of spare time at some work for The Guide in your locality.

The Rifle has an 18-inch Round Barrel, Blued Frame, Lever Action, Oval Stock, Carbine Butt Plate, Knife Blade Front and Open Rear Sights. It can be supplied in 22 or 32 Calibre. The 22 Calibre is chambered to shoot BB Caps, 22 Short, 22 Long and 22 Long Rifle Cartridges. The 32 Calibre is chambered to shoot 32 Short and 32 Long Rim Fire Cartridges. Regular Retail Price, \$5.00.

The Shot Gun can be supplied in either 12 or 16 Gauge, Automatic Ejector, 30-inch Plain Steel Barrel, Choke Bored, Fine Walnut Stock, with Pistol Grip and Rubber Butt Plate, Patent Snap Fore-end, Top Lever operating from either right or left side, Rebounding Lock, Case-hardened, Semi-steel Frame. Regular Retail Price \$8.00.

Here is a fine opportunity to enjoy the sporting season without having to go to the expense of buying a rifle or gun. Both these prizes are of the very best quality in every respect and will give you many days of pleasure and recreation. They will repay you many times over for the small service we will require of you.

If you are interested in either of these splendid prizes, fill out the coupon with your name and address plainly written, and mail to

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**Grain Growers'
Guide**
WINNIPEG

DEPARTMENT,
GRAIN GROWERS' GUIDE,
WINNIPEG, MAN.

Please send me full particulars
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Name

Post Office

Province

Sell Your Experience

Books as Prizes Contributions Wanted

Would you like to add to your library? You can obtain the following books by making use of some of the odd moments in the evenings. Glance over the following titles:

- 1—Elements of Agriculture.
- 2—Alfalfa.
- 3—Poultry Manual (A complete Guide to Success.)
- 4—Egg Money, How to Increase It.
- 5—Chicks; Hatching and Rearing.
- 6—Poultry Houses, Coops and Equipment.
- 7—Turkeys, Ducks and Geese.
- 8—Poultry Remedies.

We intend publishing a Special Seed and Poultry Number of The Guide on February 9, and in order to make the issue as practical as possible, we want to publish the actual experiences of farmers who have made a success of poultry raising and seed production. In order to make matters easy for contributors, and also to obtain as much valuable information as possible, we have divided the subjects up under the following headings. For the best article on either of these subjects, as outlined below, we will give the complete library as above; for the second best article we will give either of the first two books and any five of the remaining six books, and for the third best article, either of the first two books and any two of the remaining six. The subjects are as follows:—

Subject No. 1.—Making Dollars From Farm Poultry

Contributions on this subject should deal with:—

- | | |
|---|---|
| The suitable breed. | What price was obtained for the poultry. |
| Kinds of feed used. | How much the feed cost. |
| Quantity of feed used. | Whether the eggs are sold to the storekeeper, or traded, or sent direct to private customers. |
| Care and housing of the chickens. Whether natural hatching or incubators were used. | What profit do you consider can be made from farm poultry. |
| How the chickens were sold, alive or dressed. | |

Subject No. 2—How I Ran My Incubator

Contributions on this subject should contain complete instructions as to:—

- How incubators can be run successfully.
- What dangers to avoid when operating them.

Personal experience is what is wanted and the article should contain a statement of the number of chicks hatched out of a setting. Brooders, too, are used in connection with the incubators, and hence, to be complete, the experience should describe how to care for and feed the chicks until they are old enough to look after themselves.

Subject No. 3—Making Money On Winter Eggs

There is a good market for winter eggs in all the large towns and cities, and we want to find out how farmers have successfully taken advantage of this opportunity. Such an article should contain full details of the plan followed.

- The time the chickens are hatched so as to be winter layers.
- The manner in which they are cared for.
- The feeds used.
- The kind of house used.
- When the eggs are gathered.
- Whether they are stamped.
- How shipped, and how often.
- Whether to private customers, to a wholesaler or retailer, what market shipped to.
- What is the average price received for eggs?
- What is the profit received from the business?

Subject No. 4—How I Increased My Crop Yield

Articles on this subject should describe exactly what methods have been used by means of which the yield of grain has been increased. This will include some of the following:

- | | |
|--------------------------------|---------------------------------------|
| Seed selection. | Cultivation, packing, harrowing, etc. |
| Treatment of seed for smut. | Depth of seeding. |
| Methods of cleaning seed grain | Quantity of seed sown per acre. |
| Fall and spring plowing. | Comparative yield per acre. |
| Summer-fallow methods. | |

To Contributors

We want articles from all three of the Prairie Provinces and from all parts of each Province. When writing on any of the subjects, just think that you are telling a neighbor who has had no experience in the matter under discussion just exactly how to be successful along whatever line of work you are describing. We do not want elaborately worded articles. Photographs should accompany the articles if any are available. Write plainly on one side of paper only. All articles must be received by January 19, 1916. The result of the competition will be published in the Special Number. Address all contributions to:—

GRAIN GROWERS' GUIDE, WINNIPEG, MAN.

A Pink Notice

A pink notice attached to this page shows that your subscription will expire the end of this month. We hope you have enjoyed The Guide and that you will send us \$1.50 for your renewal at once, using the blank coupon and the addressed envelope which will also be enclosed. We always give several weeks' notice so that subscribers will have plenty of time to forward their renewals and not miss any copies of The Guide. We cannot supply back copies of The Guide, so we hope you will not delay in sending your renewal. When requesting a change of address, please give us three weeks' notice. If the date of the address label on your Guide is not changed within a month after you send your renewal, please notify us at once. It is always safer to send your money by postal or express money orders. Mail your \$1.50 today.

THE GRAIN GROWERS' GUIDE

"Equal Rights to All and Special Privileges to None"
A Weekly Journal for Progressive Farmers

Published under the auspices and employed as the Official Organ of the Manitoba Grain Growers' Association, the Saskatchewan Grain Growers' Association, and the United Farmers of Alberta.



The Guide is the only paper in Canada that is absolutely owned and controlled by the organized farmers—entirely independent, and not one dollar of political, capitalistic or special interest money is invested in it.

GEORGE F. CHIPMAN, Editor and Manager
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Home Editor: Francis Marion Beynon

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No discount for time or space on any class of advertising. All changes of copy and new matter must reach us seven days in advance of date of publication to ensure insertion. Reading matter advertisements are marked "Advertisement." No advertisement for patent medicines, liquor, mining stock, or extravagantly worded real estate will be accepted. We believe, thru careful enquiry, that every advertisement in The Guide is signed by trustworthy persons. We will take it as a favor if any of our readers will advise us promptly should they have reason to doubt the reliability of any person or firm who advertises in The Guide.

EXPORTATION OF PERCHERONS

Wayne Dinsmore has received the following telegram from President Aveline, of the Percheron Society of France: "Exportation of two hundred stallions, foaled in 1912 or earlier, authorized." Right after war broke out the French government prohibited the export of Percheron horses from France. The recent order permitting export only allows of a limited number being shipped.

VISIT TO A. L. DOLLAR'S

A Guide representative has just had the pleasure of inspecting the fine bunch of Clydesdale stallions recently imported from Scotland by A. L. Dollar, High River, Alta. Mr. Dollar is deserving of praise for his enterprise in bringing out such a good lot of horses at a time when importations from Europe are practically at a standstill. Mr. Dollar has chosen these young horses from among similar breeding to those which have already made him well known as a successful importer, and which are leaving their impress on good colts thruout Alberta. This last importation includes some horses which promise to eclipse the records of any this breeder has yet brought out, and are some of the most outstanding Clydes seen in Alberta.

Probably the most striking horse is the three-year-old "Fashion Plate." This horse is well named, for he is one of the most stylish three-year-old colts ever brought to Canada, full of quality and breeding, as well as being well grown. He is a "Scotland Yet" colt, out of "Fairly Princess," a daughter of "Baron Hood." His grand dam was the Cawdor Cup winner, "Cedric Princess," daughter of "Baron's Pride." His great grand dam was "Fickle Fortune Princess," one of the most noted horses ever brought to the United States, being a daughter of the famous "Cedric." Another horse of which much is expected is "Scotland's Splendor," six years old, also a son of "Scotland Yet." This horse is a big brown with lots of quality and great substance. His dam is "Betty of Woodend," by "Sir Simon," by "Sir Everett." His grand dam was a mare by the noted "Darnley," while his great grand dam was by "Prince of Wales." This horse therefore combines the blood of several of the most noted sires of the breed. Among the colts rising three years are several horses of the best breeding. The "Baron Watha" colt, "Scotland's Regent," is a horse of the right strain. His sire is a full brother to the champion mare, "Boquhan Lady Peggie," while his own dam is "Jess of Cowfold," by "Sir Everett." This horse combines both "Hawatha" and "Baron's Pride" blood.

Two other of the most promising young sires in the shipment are "Scotland's Steamer" and "Scotland's Ruby." The former is a son of "Scotland's Choice" and the latter is sired by "Scotland's Splendor" out of "Nan of Hailes." Another sire which should prove popular is "Bay Edward," by "Proud Edward," out of "Laura of Grange" by "Prince of Carruchan." His grand dam was "Jess of Grange," by the famous "Flashwood." "Scotland's A1" is a stylish black, being a full brother to "Harviestoun Nell," and is sired by "Scotland Yet" out of "Nellie of Corramore." "Scotland's Romeo," a son of the great horse "Mercuria," and "Scotland's Yeoman," a "Scotland Yet" colt, are two other likely youngsters, while the shipment is completed by a yearling, "Scotland's Victory," by the Mid-Calder premium horse, "Bonnie Scotland." "Scotland's President," brought out in Mr. Dollar's previous importation, has had a very successful summer, and is making a name for himself as a popular breeding horse. He should distinguish himself at the fairs next spring and summer. A. L. Dollar has moved his horses to his farm just on the outskirts of the town of High River, where he has built a new box stall barn. He has lots of paddock room, and will be able to keep his horses in splendid trim. The new horses are in fine condition after their long trip.

BELGIAN RELIEF FUND

Previously acknowledged	\$6475.78
Walter Dieter	1.00
Harry Day	1.00
James Arbogast	1.00
Ernest Benning	1.00
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Jas. McDonald	5.00
Walter Check	1.00
Hermann Sownsan	1.00
J. G. Caterson	5.00
Total	\$6492.78

**Fence Posts**

We have also arranged for a large supply of No. 1 fence posts. You may have split, or round peeled, cedar. Place your order now for early delivery.

What grain you have left will be handled right if you ship to this farmers' pioneer company

Woven Wire Fencing

**It's not too early to think of Fencing
It's not too early to place your order**

Last season our fencing gave unqualified satisfaction all over Western Canada. It is made in one of Canada's best fence factories—one that draws and galvanizes its own wire. We therefore know the material that goes into our fencing. It is made from hard steel wire fully up to the gauge specified and is given an extra heavy coat of galvanizing.

This year again we have contracted with the same manufacturers for what we feel we are sure to sell. But we may and no doubt will sell more than we figure. That's generally the case with anything we handle.

Our big order has been secured at satisfactory prices considering present conditions. From information we have been able to obtain from those interested in the wire fence business, it is fully expected that higher figures than those we now can quote are likely to prevail later.

Write at once and let us know what you require.

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Cash with order. **PRICES GUARANTEED FOR 10 DAYS.** Place your order now.

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Telegraph Address "HORSES," Calgary. Phone M 2260

"MAKING MONEY FROM LIVESTOCK"

Is the title of an attractive booklet that The Guide has prepared for distribution. It is of practical interest to sellers of pure-bred stock of all kinds. A copy will be sent free on application. Write for yours today. Address:

THE GRAIN GROWERS' GUIDE, WINNIPEG, MAN.

**HE IS LESS DANGEROUS**

Eliminate the danger and increase the value of the young bull by dehorning him. The most successful dairymen, drovers and shippers use and recommend the KEYSTONE DEHORNER. Write for booklet. R. H. McKENNA, 219 Robert St., Toronto.

Smith Stump Pullers
Pulls the Largest Stumps
The Smith machine pulls the largest stumps at a cost of 50 each. Write today for free catalog and special offer.
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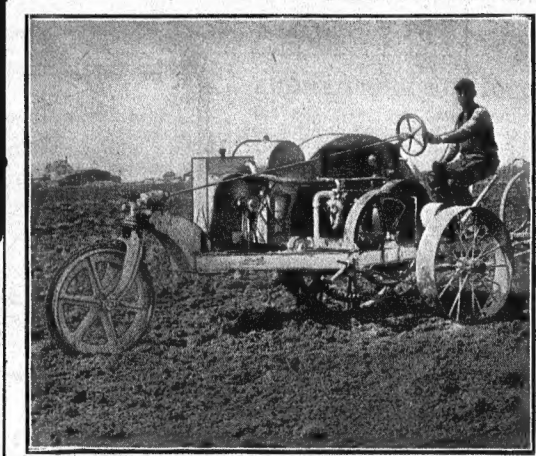
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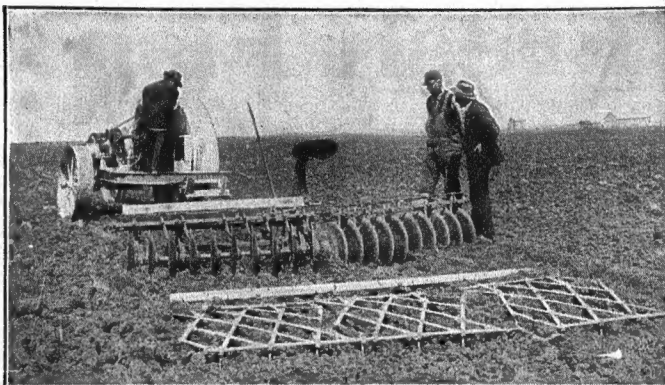


Order Today and SAVE \$105

The price of the **BIG BULL** has been fixed for 1916 at \$800.00. Steel and other metals have advanced enormously in price during the past year. They are still advancing. (See Market Reports). A tractor built today costs nearly twice as much for material alone as in 1915. But owing to our greatly increased output and exceptional manufacturing facilities, we are able to reduce our other production costs and to market the **BIG BULL** at an increase of only \$105.00. **IF YOU WANT TO SAVE THAT \$105.00, HERE IS YOUR OPPORTUNITY.** We have on hand **62 MACHINES** contracted for in 1915 but delivered to us by the factory at the end of December. These are offered **FOR IMMEDIATE SALE AND FOR JANUARY DELIVERY ONLY—AT THE OLD PRICE OF \$695.00 f.o.b. Port Arthur, Ont.** Send in your order at once. There are hundreds of Farmers, intending purchasers of **BIG BULL** Tractors this Spring. Sixty-two machines—much less than our monthly output—they will be snapped up immediately to save the increased price.

The Need for Light Tractors is Greater Than Ever and the BIG BULL is the Best You Can Buy

Some 737,000,000 bushels of grain of all kinds were raised in the West last year. Every ounce of available power was turned to threshing and moving the crop. There is still an enormous amount of threshing to be done and less than 10 per cent. of the fall plowing has been completed in the three Prairie Provinces. There is going to be a strenuous time this spring. Labor will be scarce and Power will be at a Premium. Are you ready for a good 1916 crop? How many furrows did you turn in the Fall? How many acres can you seed this Spring? **BUY A BIG BULL AND GET BUSY.** It will help you thresh if



you have threshing still to do. 20 h.p. guaranteed on the belt. The **BIG BULL** is guaranteed to pull two 14-in. plows under ordinary conditions. It will do the work of seven good horses in the same space of time. And the **BIG BULL** never tires. It can be worked 24 hours a day if required. It eats only when it works, and will do your discing and seeding, run your mower, manure spreader, do all your hauling over ordinary roads, and all the stationary belt work on your farm. The **BIG BULL** is the most practical and best all-round light tractor on the market, tested, tried and proven.

What the BIG BULL Has Been Doing in 1915 - Some Testimonials:

The Bull Tractor Company, Winnipeg, Man.

Gentlemen:—In reply to your letter asking what satisfaction I am getting from the Bull Tractor I purchased from you some time ago, I wish to state that I am perfectly satisfied with the same. For the first two days I was plowing, pulling a 14-inch gang plow (2 furrows) in heavy gumbo soil, to a depth of six inches. The engine handled this easily. From that time until the present I have been threshing, using a 30-35 separator with hand feeder and blower. After filling up with gasoline, cylinder oil and water, and tightening all oil caps, the engine needs no attention until it is stopped for noon; and the same from then until night. I think it is very economical with gasoline, only using between ten to twelve gallons per day on a full load. I can cheerfully recommend your engine to anyone who wishes to know anything about them. Wishing you every success. I am,

Yours truly,
(Signed) G. F. MOHR.

Ranching, via, Gadsby, Alta., November 11th, 1915.

Keddlestone, Sask., October 18th, 1915.

Bull Tractor Company, Winnipeg, Man.

Dear Sirs:—My son is running the Bull Tractor. He never before ran a gas engine or tractor, but has no trouble. We threshed with a 30-36 Sawyer-Massey separator and three stock teams 600 bushels of wheat a day, and had lots of power to do more. We have now plowed 80 acres with it on a two-furrow gang, making 20 to 22 rounds on the half-mile in a nine-hour day. It does not use as much gasoline as we expected it would. It is a good all-round tractor for a small farm.

Yours truly,
(Signed) HAROLD SORBY.

BULL TRACTOR PLOWS

Two and three bottom plows, made exclusively for us by the J. I. Case Plow Co., of Racine, Wis., may now be obtained direct from the Bull Tractor Co., of Canada, Ltd., at Winnipeg. (The J. I. Case Plow Co. is entirely distinct from the J. I. Case Threshing Machine Co. of the same city.)

PRICES
Two-bottom Plow **\$125**
Three-bottom Plow **\$155**

F.O.B. WINNIPEG
TERMS:
Strictly Cash

Fill out the Coupon and Mail Your Order Today

Remember—only 62 Big Bull Tractors at the price of \$695.00, and good for delivery only in January.
TERMS:—\$100.00 cash with order. Balance (\$595.00) when machine is delivered, plus freight to point of destination.

Bull Tractor Co. of Canada, Ltd.

Factory at Port Arthur, Ont.

333 Main St., WINNIPEG, Man.

When in Winnipeg come to our office and see the complete demonstration model of the Big Bull Tractor.

BULL TRACTOR CO. OF CANADA, LTD.
333 Main Street, Winnipeg, Man.

GENTLEMEN:—Enclosed and Bank Draft \$100.00 deposits on Bull Tractor to be delivered in January, at the price of \$695.00 f.o.b. Port Arthur, Ont. Balance of \$595.00 will be paid on delivery of machine.

Name.....
Address.....
G.G.G.

The Grain Growers' Guide

Winnipeg, Wednesday, January 5th, 1916

GOVERNMENT REDUCES GRAIN RATES

Last Friday official notice was given that the Dominion Government had reduced export rates on the National Transcontinental from Armstrong to Quebec and Montreal to 6 cents per bushel on wheat, $5\frac{1}{4}$ cents on barley and 4 cents on oats, taking effect January 6. Armstrong on the National Transcontinental corresponds with Port Arthur and Fort William on the other two lines, and the rate given on the government line is just half that given on the C.P.R. and C.N.R. These low rates will be available only to shippers on the G.T.P. in the West, as there are no rates to Armstrong over the C.P.R. and the C.N.R., and the two latter roads have not yet announced any reduction in their rates from Fort William east. Rates on grain from shipping points on the prairies to Armstrong are the same as to Fort William and Port Arthur. These new rates on the government road are for export shipments only exclusive of terminal charges. Shipments to Quebec will go over the N.T.R. direct. Shipments to Montreal will go via Cochrane on the Temiskaming and Northern Ontario Railway to North Bay and thence by Grand Trunk to Montreal. These low rate shipments for export over the government road carry the privilege of reconsigning for winter export to various Atlantic ports on the basis of the current thru all-rail export rates. This means that when this grain is shipped from Montreal or Quebec east to the seaboard the rate on that portion of the trip will exactly offset the low rate over the National Transcontinental. Grain held for spring shipment from Montreal or Quebec by water will get the full advantage of the reduced rate, but grain exported by rail during the winter will receive no advantage in freight rates. It is stated that the aim of the government in giving the reduced rate is to relieve congestion and fill up the Eastern elevators at Quebec and Montreal. Up to the present time the G.T.P. has handled 36,000,000 bushels of grain over its lines in the West, and in addition there are 6,000,000 bushels in the country elevators on the G.T.P. lines and 1,000,000 bushels in transit. It is estimated that there will be a total of upwards of 20,000,000 bushels yet to come out over the G.T.P. The capacity of the Harbor Commissioners' elevator at Montreal is 5,000,000 bushels and the G.T.P. elevator 2,500,000 bushels. At Quebec the government elevator has a capacity of 1,000,000 and a private elevator at that point has a capacity of 300,000, making a total capacity at these points of 8,800,000 bushels. The G.T.P. will probably handle an average of 100 cars per day to these points and with what is going over the C.P.R. they will rapidly fill up. Farmers shipping over the government road have the option of having their grain weighed at Winnipeg or taking the weights at Quebec or Montreal. The handling capacity for weighing at Winnipeg is limited and the G.T.P. officials recommend that as far as possible Quebec and Montreal weights be accepted. Farmers west of Saskatoon may get their weights at the government elevator at that point. Local agents on the G.T.P. will be equipped with full information to assist farmers in making out their shipping bills correctly.

THE FARM HOME

There will be a large number of farm houses built thruout the prairies during the coming spring and summer. The first house on the prairie farm is generally of a temporary character, intended for use only until prosperity smiles upon the family and a more comfortable and commodious abode can be constructed. In the history of this country

there never has been a year when the crop has been so large and so well distributed, and, what is more important, the high prices give a splendid margin of profit to the producer. The big crop and the big prices will put thousands of farmers in a position to build the house which they have been planning on building for some years past. The price of lumber for the past two years has been very low. An increase has recently taken place, but the prices are still much lower than they were prior to the recent glut of the lumber market. Under the new system of purchasing lumber in car lots, which has prevailed for the last few years, farmers have been able to save from 15 to 25 per cent. on the ordinary retail prices of lumber and this has meant a great saving to them in building. During the winter months the farmer and his wife usually study out the plans for their new home and decide what they will build. There is too much of the packing box variety of architecture in prairie farm houses. It costs no more to make an attractive house, but it adds greatly to the pleasure of the family and immensely increases the pride of possession. In pursuing its policy for service to the farmers and their wives The Guide has decided to assist in providing plans and building instructions for farm homes attractive in design, convenient in lay-out and varied in cost to meet the requirements of those who are building during the next year. To this end an experienced architect has prepared a series of ten house plans from instructions provided after study and consultation with men and women in touch with Western farm conditions. The houses for which these plans are made will cost from \$1,600 to \$6,000. Descriptions of two of these plans have already appeared in The Guide and a third appears in this issue. The remaining seven will be published every other week henceforth and a decoration plan for each house on the alternate weeks. Architects ordinarily charge from \$25 to \$50 each for providing the plans and bills of materials for the construction of such houses. The Guide, however, has purchased them in quantities and will supply to its readers at from \$1.50 to \$2.50 each. At the end of the season all these house plans will be collected together in booklet form and supplied free to any person upon request. If this effort on the part of The Guide to improve the style and comfort of farm homes is appreciated, and we feel sure that it will be, it will be a matter of satisfaction.

SILVER BULLETS FROM CANADA

A new stage in Canada's participation in the war has been reached. From the moment war was declared on August 4, 1914, Canada has been furnishing men and food. Within a few weeks this country began to furnish guns and ammunition, and now the time has come when Canada is called upon to supply money to help the cause of the Allies. Up to the time the Canadian internal loan was floated in November last all the money expended in equipping and maintaining the Canadian troops was borrowed from the British Government, but so great has the expenditure become and so great has been the dependence of the other Allied nations upon Great Britain that it is now considered necessary that Canada should pay her own way without further borrowing overseas. It is not entirely because of the heavy financial burden which has been thrown upon Great Britain, however, that this position has been reached, but also because in the present state of international trade, with Canada and the United States exporting much more than they are importing, it is practically impossible to remit large sums of money to this side from Great Britain. In

any case it is hardly in keeping with the dignity and reputation of Canada to be sending troops to help Britain and borrowing from Britain the money to equip and pay them, and Canadians generally would be gratified to know that in future the Canadian soldiers would be supported entirely by their own country without outside help. Sir Geo. E. Foster, in an address before the People's Forum at Ottawa on Sunday, December 26, forecasted another domestic loan and said that he had no doubt the people of Canada could furnish \$300,000,000 if they were asked for it, tho it would be necessary to economize as well as to put forth every effort to increase production. Hon. W. T. White, finance minister, states, however, that the money secured by the recent loan of \$100,000,000, which is payable by monthly instalments and will not all be paid in until May 1, will meet the needs of the Government for war purposes until next summer. Presumably another loan will be asked for about the month of June and those who wish to help the Allies win the war by furnishing "silver bullets" thus have time to save or adjust their affairs so as to be ready to contribute.

Another financial question which is being very much discussed just now is the matter of financing the war orders of the British and Allied Governments. The United States financiers made a loan to Great Britain and France of \$500,000,000 in order to provide money with which to pay the manufacturers of that country who are producing munitions of war and it will be necessary for the Allied Governments to obtain credit in this country also if they are to continue placing large orders here. Hon. W. T. White has suggested that Canadian manufacturers of munitions should accept part payment in British exchequer bonds falling due after the war, and this seems to be a reasonable proposition. If the British bonds could be deposited with the Ottawa Government and dominion paper currency secured in exchange, as can be done now with Canadian securities, it would enable the manufacturers to get their money at once. It would also considerably increase the amount of paper money in circulation, and there appears to be a difference of opinion as to whether the effect of this would be good or otherwise. The financing of war orders is, however, primarily a matter for the manufacturers. If they wish to continue their present highly profitable business they will have to trust Great Britain to some extent. She is worth trusting.

A BUREAU OF MARKETS

The question of marketing farm products of all kinds is steadily growing in interest and special efforts are being made from time to time by the Federal and Provincial Departments of Agriculture to assist farmers in marketing special products. In the case of wool and dairy products this has been carried on in a manner generally beneficial to the producers. It would seem that the time has now come to provide instruction, information, advice and assistance in the marketing of all farm products. Thirteen states to the south of us maintain market bureaus or market commissioners for this very purpose and the province of British Columbia also maintains a market commissioner to assist the farmers of that province to dispose of their fruit and other products thruout the prairies. The United States Government maintains at Washington a Bureau of Markets and Rural Organization in charge of a large staff of experienced men. This office has been in existence for two years and has been favorably commented upon by American farmers and farm journals. Here in Western Canada, where the great

desire is to encourage mixed farming, the establishment of provincial market bureaus would assist very greatly towards that end. In Manitoba the Minister of Agriculture announces that legislation will be provided at the coming session for the bonding of produce merchants and regulation of the produce trade. This is one of the most progressive steps towards the aid of agriculture that has yet been taken by any Department of Agriculture in Canada. It will mean that the farmers will no longer be in danger of crooks and incompetents in the produce trade, but will be guaranteed their payment as they now are on their grain. Winnipeg being the chief produce market of Western Canada it would be a splendid thing for the Manitoba Department of Agriculture to establish a market bureau thru which reliable information on the supply and demand of all kinds of farm produce would be made available to the farmers of the province. The possibilities of development of such a service are enormous and the benefits which would accrue to the farmers of the province cannot be measured.

THE DUTY ON BOOKS

Some of the books which The Guide supplies to its readers are mailed direct from publishers in Canada and the United States. Those books mailed direct from American publishers are duty free as per item No. 172 which reads as follows:—

"Books on the application of science to industries of all kinds, including books on agriculture, horticulture, forestry, fish and fishing, mining, metallurgy, architecture, electric and other engineering, carpentry, ship-building, mechanism, dyeing, bleaching, tanning, weaving and other mechanic arts, and similar industrial books."

The recent war tax did not apply to this

tariff item. Despite this very plain provision, however, several of our readers have informed us that the Canadian customs officials had demanded 10 per cent. duty on farm books coming in from the United States. Such a demand merely illustrates the ignorance of the customs officials and henceforth when duty is demanded on agricultural, or similar books, readers should call attention at once to item No. 172 and demand that such books be admitted duty free. If there is any trouble, notice should at once be sent to The Grain Growers' Guide.

The local preacher and the local school teacher are in many cases good workers in the Grain Growers' Organization. More of them would assist if they were better informed on the work of the organized farmers. We send The Guide for a year to any preacher or teacher actively engaged in their profession for \$1.00. We would suggest that every local association send a subscription for their preacher and teacher.

In order to relieve congestion and fill up the government elevators at Moose Jaw, Saskatoon and Calgary, the Board of Grain Commissioners has issued an order that cars of grain billed for these government houses will have preference over cars billed to Fort William or Port Arthur. The government has provided that the grain may be stored in these interior houses and reshipped on to the lake front any time within six months without extra cost.

We are anxious to hear from any farmer who has succeeded in borrowing money from any bank on the security of the grain on his farm. We have asked this question a number

of times, but so far we have not received a report from any farmer who has borrowed on that security, but we have received a number of letters stating that the banks have refused to loan money on such security tho it has been specially provided for in the Bank Act.

In this issue we publish an article describing the work of one rural school in Missouri. We are anxious to publish reports of rural schools in the Prairie Provinces that are doing exceptionally good work in their communities and will pay good prices for such articles. On the rural school largely depends our civilization and the one-roomed rural school is our chief educational institution. Let us know where there are one-roomed rural schools with one teacher that are not only instructing the children in the "three R's," but also developing them in citizenship and becoming a big factor in the community life.

Every local association that is anxious to do permanent work for the improvement of its community can make an excellent start by securing one of the free libraries offered by The Guide.

Every local association thruout the Prairie Provinces should be holding a meeting now at least once a fortnight. If the president and secretary are asleep then it is time for the members themselves to be active and put in new officers.

Any person who is interested in the inside history of the tariff of Canada should read "Sixty Years of Protection in Canada" by Edward Porritt. It is one of the most interesting and at the same time most amazing stories ever written.



THE WILL O' THE WISP

Now that the farmers have sold a large part of their grain and many of them have money in the bank, the country is being overrun with agents endeavoring to sell them stock in all kinds of speculative "investments." Many a farmer in the past has been dragged thru the slough of financial difficulties by "get-rich-quick" schemes, and many more will follow in their trail if they allow themselves to be beguiled by smooth-tongued but unscrupulous stock salesmen. The great majority of farmers can find plenty of opportunity for the investment of their surplus earnings on their own farms or in the companies which the organized farmers themselves have created, and which are doing service to the country by improving marketing and purchasing conditions, as well as paying reasonable dividends. Companies which promise exceptionally high dividends are almost always a "fake."

The Cattle Man's Survival

After years of prosperity, the cattleman was almost forced out of business by competition with the mixed farmer, but pure-bred Hereford cattle saved the situation

By H. HIGGINBOTHAM

Breeds of livestock, in fact all races of animals, in common with the human race, must pass thru many vicissitudes, and be subjected to many modifications if they are to meet changing economic conditions and survive.

There is probably no breed of livestock known to the farmer of the present day which has shown greater adaptability to changing conditions than the Hereford breed of cattle. Originating in Hereford, England, and being used mainly for draft purposes on account of the strength of the oxen, Hereford cattle first came into their own on the American continent when the buffalo disappeared from the western prairies. It was as range cattle that they became deservedly popular. Being hardy, vigorous and great rustlers, they were admirably suited to range conditions. After their first appearance on the range, about the year 1870, in Colorado, they rapidly increased in numbers until "white faces" soon became the dominant breed of cattle on the plains of the northwest.

T. L. Miller, a Chicago business man, whose farm at Beecher, Will Co., Ill., was for some years the centre of the Hereford cattle trade in America, on being asked, "Why are the Herefords the best cattle for the plains?" answered: "Because they are the most hardy; they are the best grazers; they mature earlier; they are nearer the ground; they are more compact; they have more hair; they have thicker and softer hides; altho shorter on the leg, they are better travellers, and as grazers they become higher fleshed and riper steers; they carry their flesh to market with less shrinkage; they are heavier-topped steers, and the best animal in the family of Herefords is the steer." This is a big claim to make, but time has shown that it is not without justification. It is not necessary either to disparage other beef breeds in order to do justice to the Hereford, and Hereford men today are among the first to admit the excellence of the Shorthorn and the Angus. The ability of the Hereford to take care of himself is admittedly a distinguishing mark of this breed. The other beef breeds have perhaps excelled in their disposition to put on flesh when fed in the barn and the feed lot. One is reminded of the reply of the Scotsman, who, on being asked if he did not admire some range Shorthorns, said: "Aye, mon, they are mighty good cattle for hame."

"White Faces" in the West

On the ranges of Western Canada, as on the plains of the Western States, Herefords again demonstrated their suitability to the business of beef production carried on on a large scale under conditions that approximated very closely to nature. Here again the buffalo was succeeded by the Hereford. Grade cattle of all descriptions were used, and there was a good sprinkling of Texas cattle in many of the Alberta herds, but the number of white faces at every "round-up" showed the popularity of this breed with the cattlemen. Under range conditions the Herefords have always been prolific, and today the fertility of the Hereford breed is well-known. Just as the range cattle replaced the buffalo, so today have the farm herds and



PURE-BRED HEREFORD COWS AND CALVES ON THE WILLOW SPRINGS RANCH, CROSSFIELD, ALBERTA

flocks ousted the large bands of cattle which formerly grazed over the territory between the Great Lakes and the foothills of the Rocky Mountains. Very few of the old ranches are left, and even these have been forced to retreat to areas not readily available for farming, or to land which is held by large corporations and which is leased at low rentals for grazing purposes. The rancher who keeps ordinary range cattle and requires seven acres of grazing land for each head in the bunch cannot compete with the



A BUNCH OF THRIFTY LOOKING CALVES

farmer who cultivates his land and feeds his crops to his horses, cattle, sheep, swine and poultry.

The Cattle Man's Story

The way in which one Alberta rancher successfully met the competition of the farmer without having to disperse his "bunch" forms an interesting story. Fifteen years ago, Frank Collicut, now one of the best known pure-bred cattle breeders in

the province, had been raised on his parents' farm near Crossfield. After a few years during which he "knocked about," seeing the world and picking up experience, he settled down to beef-raising, and for some time on his ranch at Crossfield he did big things in the way of feeding cattle. For a number of years he fed cattle for Pat Burns, whose name is a name to conjure with in cattle circles of the West. Buying and selling cattle and feeding large numbers himself, Burns had a number of other ranchers in different parts of Alberta feeding cattle for him. He paid them a fixed sum per head for all the cattle successfully wintered, and also paid them for the increased weight put on by the cattle during the winter feeding. The business was a good one for the man who knew how to look after cattle in an economical way, but one for the novice to steer clear of.

Frank Collicut was no novice, and during the years that he fed cattle for Burns he drew some big checks. Collicut's cattle always came thru the winter in fine condition, and having turned several thousand tons of good prairie hay and an abundance of pure water into prime beef, they were a source of satisfaction and profit to both owner and feeder. On the broad uplands of his big ranch Mr. Collicut kept a gang of men cutting and stacking hay in the late summer. When the cattle arrived in the fall, the hay was hauled down into the sheltered coulee bottoms where never-failing springs of pure water gush from the ground the whole year round—cooling and refreshing in the summer time and so warm in winter that they never freeze. Here was a place designed by nature for the shelter and care of cattle. Burns were unnecessary, the water and the shelter were bounteously provided by nature, and all the owner had to do was to draw the feed from the uplands where nature had also provided generously. Mr. Collicut's books show some returns from cattle feeding that would make the city business man, who believes he is making money fast, turn green with envy. Like a wise man, Mr. Collicut took nature into partnership and shared nature's dividends. In one season alone he fed 5,400 tons of hay to 2,007 cattle—all in one feed lot! Figures are wearisome, but it is a striking commentary upon the feeding value of natural prairie hay that Mr. Collicut made an average gain of 150 pounds on 352 head of beef between November 5 and April 15, feeding nothing but prairie hay. The cattle were just ordinary grades, good, bad and indifferent, for, out of the 352 head, fifty were poor feeders which actually lost weight.

When the Farmer Came

When land was worth \$3 per acre and taxes a mere bagatelle, cutting hay and feeding cattle on 6,560 acres was a

Continued on Page 16



THE TYPE OF STEER RAISED ON THE WILLOW SPRINGS RANCH
Note the low-set, blocky form, carrying the maximum amount of high priced cuts

The Country Homemakers

CONDUCTED BY FRANCIS MARION BEYNON

NEARLY FORTY THOUSAND SIGNATURES

No blare of trumpets announced to the world at large the presentation to the Manitoba Cabinet on December 23, of a petition asking for the franchise for women on the same terms as men and signed by nearly forty thousand adult women of the province of Manitoba.

Since the presentation of the petition was a mere formality to be complied with before the bill should be finally sent to the printers, it was accomplished very quietly. The speakers for the delegation, which consisted of some sixty members of the Political Equality League of Manitoba, were presented to the Premier by Honorable Thomas Johnson, who in concluding his brief introductory remarks congratulated the Premier on having the privilege of enacting such an epoch-making piece of legislation as the enfranchisement of women.

Dr. Mary E. Crawford, Provincial President of the Political Equality League of Manitoba, made a brief statement as to the number of signatures, as compiled by a chartered accountant, and then called upon Mrs. Winona Flett Dixon, the secretary of the League, to give some of the human history behind the work of getting so many signatures. In doing so she paid a high tribute to the unselfish devotion of the country women to the cause of woman suffrage.

Mrs. A. V. Thomas spoke feelingly of those who had paved the way for our success, citing the Icelandic Woman Suffrage society, organized here twenty-five years ago and the suffrage organization among English speaking people which existed in Winnipeg more than twenty years ago. Tribute was also paid to the efforts of the W.C.T.U. and the Grain Growers' organizations in bringing about this reform.

The Premier replied that the suffrage bill was nearly ready for the printers and that the delegation might hope to see it written on the books very early in the first session of the legislature.

A unique feature of the delegation was the presentation of a petition of 4,250 names, the exclusive work of Mrs. Amelia Burritt, a woman ninety-three years of age. In recognition of her great years and remarkable work it was arranged by the officers of the Political Equality League that Mrs. Burritt should present her petition herself and these names were not included in the 39,584 in the regular petition. In her very brief speech to the Premier the old lady said that she was grateful for having been permitted to live to see woman suffrage become an accomplished fact. The Premier broke up the meeting very gracefully and happily by leaving his place and going over to shake hands with and congratulate Mrs. Burritt upon her wonderful feat.

PEACE TALK

(NOTE—Almost simultaneously with the singing of the Christmas anthems this year Winnipeg was placarded with signs which read: "He who talks peace is a traitor").

Nineteen hundred years ago, so runs the Christian tradition, there was born in a manger in Bethlehem a Divine child, the Son of God Himself. At the time of His birth, the story continues, a heavenly host, appearing above the shepherds watching their flocks by night, sang a great anthem which for nearly two thousand years has been supposed to be the key-note of Christ's message to humanity. It was this:

"Peace on earth, good will to men."

Arrived at manhood's estate, the Son of God preached the doctrine of peace and democracy so consistently that He earned in time the enviable title of "The Prince of Peace." He also earned the dislike and hatred that is always the portion of the teacher of an unpopular faith.

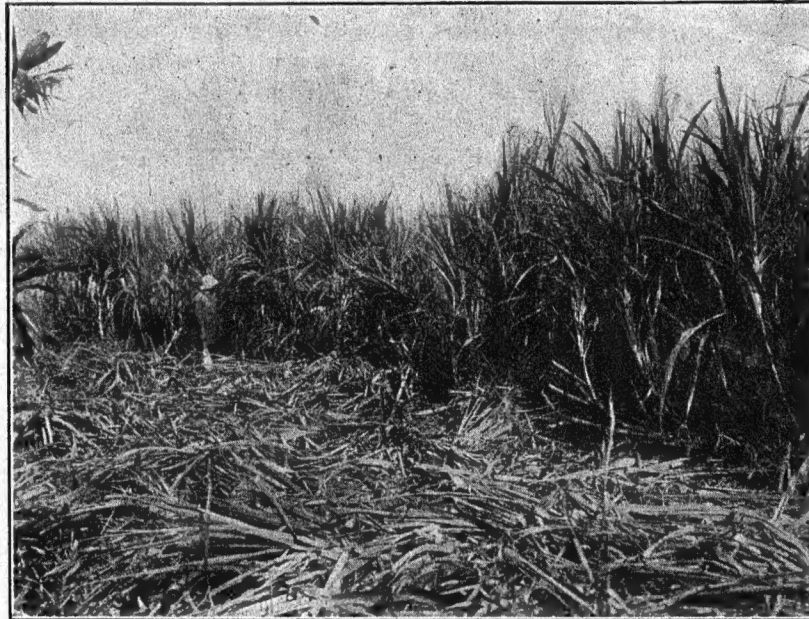
In the end He was whipped, scourged, taunted, crucified, and the authorities felt that they had put an end to this heretic and traitor once and for all.

But no! He had Himself promulgated the theory that "He who loseth his life shall save it," and the impetus given to the spread of Christianity by every fresh martyrdom has verified it. For more than nineteen hundred years the teachings of Christianity have been spreading far and wide, helped by the existence here and there of what might be called the torch-bearers of the great faith. The Christian martyrs of Rome were of these, and Latimer and Ridley in England. "Play the man, Master Ridley," said Latimer, as they stood waiting to be burned at the stake in the interests of

freedom, "We shall light such a fire in England today as shall never be put out." And they did.

The other day a young English girl over in Belgium was put to death. She had no option but to die, but as the end drew near she made a statement which shall make her name immortal when all the valiant heroes of this war have passed into oblivion. It was this: "Standing in view of God and eternity I realize that patriotism is not enough. I must have no hatred or bitterness for anyone."

The very refrain of the heavenly chorus more than nineteen hundred years ago, and by this token



A FIELD OF SUGAR CANE, HAWAIIAN ISLANDS

we know that Christianity is not dead but sleeping.

HAWAII

Let us turn to the agricultural and industrial pursuits of the Hawaiian Islands. The principal agricultural product of the Islands, is, of course, sugar, but apart from this may be mentioned the cultivation of pineapples, bananas, coffee, rice, sisal and tobacco and truck farming.

The sugar industry of the Islands is almost too well known to need comment, but a few figures may be of interest. The present investment in the industry amounts to \$84,671,000 held by some 9,000 individual shareholders. The amount of raw sugar produced in the Islands during the 10 years, 1904-1913, inclusive, was 4,945,199 tons, which at a ten year average price of \$4.08 represents a value of \$403,528,438.40. Owing to European complications, the price of sugar has made a considerable advance with a corresponding increase in dividends, but the average return for the ten years under review has been about 8.14 per cent. It must be realized that it costs about \$56 to produce a ton of Hawaiian sugar, place it upon the American market, and that an enormous amount of capital is locked up in irrigation ditches and flumes. It will give some idea of the importance of the industry if it is mentioned that some 1,400,000,000 gallons of water are used every day in irrigating the canefields of the territory of Hawaii.

The pineapple industry has made enormous strides and is rapidly extending its scope. It is a curious coincidence that upon the very day on which this article is written (November 10, 1915) Hawaiian Pineapple Day is being observed throughout the United States, and in every hotel and dining car from the Atlantic to the Pacific seaboard, this luscious product of the islands will figure upon the menu cards.

In 1901 the total pack of pineapples was 2,000 cases. In 1914 it was over 3,000,000. There are some ten canneries in the Islands, employing over 5,000 men altogether, and wages paid to cannery employees now average between \$600 and \$700 per hour daily. From these figures it will be seen that the pineapple industry has attained considerable magnitude, and one of the local sights for visitors to Honolulu is a field of pineapples covering no less an area than 12,000 acres.

WOMAN ON TRIAL

Cologne, Dec. 26—Elly Reuss, a woman missionary at Cologne, the head of a small section of Seventh Day Adventists, who preached the practical application of the commandment "Thou shalt not kill," even under war conditions, is on trial here before a court martial, charged with treason and

with having incited members of the army to defy discipline. The alleged offense consisted of commendation of the desertion of Adventists who were soldiers and a declaration that the 16,000 other Adventist soldiers would have acted commendably if they had refused to fire against the foe.

The prosecution demanded an exemplary sentence, declaring it was impossible to allow so dangerous a person to remain at large during war times. Her defender asked an examination as to her sanity, a sister of the accused having testified that she suffered from religious mania, and this was granted.

It was testified that the accused, with a few followers, was expelled from the Adventist church, a majority of the Adventists holding that they were justified in fighting a defensive war.

ECONOMY IN THE KITCHEN

If the Belgians and other people who are hungry, owing to the war, could have all food materials that are wasted by the millions of prosperous people, there would be no hunger. Let us, then, find all of the little ways of saving that we can. If we would boil potatoes in their skins more often, we would save many bushels that are now peeled away. It takes no longer to peel them after cooking than before, and in this way the best of the potato, which lies just under the skin, is saved.

When annoyed by the accumulation of scraps of bread and bread puddings have become tiresome, make a mock dressing as follows: Break bread into pieces, add sage, salt, pepper, onion or onion salt, a rounded tablespoonful of butter and pour enough hot water over to moisten all. Bake. No meat is necessary with this. Or when scraps

collect make milk toast. When coring dried apples or pears save all the cores that are not Worm eaten. When a sufficient quantity has accumulated, cook till very tender, press thru a potato ricer, which will remove the real core from the fruit. Add sugar and spices to taste and cook again for a few minutes. Very good apple butter can be made this way from the whole dried apples.

In cooking almost all vegetables except beans and potatoes, care should be taken to retain the flavors and valuable mineral matter which is commonly thrown away in the water in which the vegetables are cooked. They should be cooked in as little water as possible, then this water, thickened with a mixture of flour and butter, nicely seasoned and poured over.

Any grease rinds or cracklings about the place which are unfit for food can be made into soap by following the directions on the lye can. All small bits of Bon Ami or Sapollo can be easily used if they are mashed into a powder with the flat side of a knife.

The following is a time-saving hint which I have not yet had the opportunity of trying: Instead of shelling peas, cook pods and all, after washing them and discarding all spoiled ones. When done the pods will rise to the surface, while the peas remain at the bottom. Peas cooked in this manner have a fine flavor.

I believe to become really economical cooks we should make a study of dietetics and always plan a well balanced menu, as often some inexpensive food is just as nourishing as something more costly.

Dr. Wiley, the pure food specialist, says: "Proteins are the most useful tissue builders of all nitrogenous foods. A bushel of wheat contains seventeen and a half pounds of protein and the farm price is from 80 cents to \$1.00 generally. It takes about \$12.00 worth of meat to yield a like amount of body building material. The difference in price where corn is concerned is almost as great.

When housekeepers fully avail themselves of these vegetable proteins, the cost of living will come down. All the elements necessary to human nutrition are contained in wheat. It is a complete food in itself and there are numerous other cereals rich in protein. With the price of meat constantly soaring it becomes doubly advantageous for the housekeeper to learn how to introduce cereals into the dish."

MRS. W. PORTER.

Economy in Fuel

When fixing the range for the night, shake down, and before putting on fresh coal, bank the front, back and sides with the cinders you have previously shaken down from the grate. Then, in the centre, on your bed of live coals, put fresh coal.

A Missouri School

The story of a Community that was transformed by an up-to-date rural school

By Mrs. Marie Turner Harvey

In Adair County, North Missouri, is a school district containing nine square miles of good prairie land. It lies contiguous with Kirksville—a town of ten thousand population—on the south, and at the time of which this story tells, its assessed valuation was approximately \$111,000. There were forty-six farm homes, the largest holding was eight hundred acres, the smallest five acres near town, with farms varying from forty to two hundred acres between these extremes. Only nine of these farms were occupied by tenants, but eighteen homes had no direct interest in the district school. This was because their children had "gone thru" or "quit" the school before now. To correctly estimate the progress and achievements of the Porter community after September 1, 1912, it is necessary to view actual conditions together with their causes that existed before that date. Because this was a community of excellent people in the main—thrifty, God-fearing farm families—it would be difficult to understand why it was so seriously divided without noting that the main roads led to town, and that distances between farm homes were unusual; that the telephone supplanted the old-time calls for help; that visiting over the phone removed the need of the sociable dinners; and the occasional meeting with each other in the stores and streets of Kirksville on Saturday afternoons helped to remove the need for that personal contact with each other which is indispensable to the building of a community spirit. The residents were a church-going people, but five different churches ministered to their spiritual needs, and again they were divided.

For five years a voluntary transportation route to supply country children for a Model Rural School on the campus of the State Normal School, Kirksville, drew most heavily from this district in its five miles' course. It stands to reason that parents living on a route offering the benefits of transportation, expert teaching, free text books and a comfortable building would avail themselves of such opportunity, and would not be actively interested in the development of a good local school.

A Dismal School House

Previous to 1912, this district sustained the required eight months of school on a twenty cent levy, had the divided term, the characteristic rotation of teachers, not one of whom could be justly charged with the state of affairs that prevailed for years. The Wabash Railroad ran diagonally across the district, and this little box-car school house became a favorite hostelry for the "tramping gentlemen," because of its close proximity to town and railroad. They had torn the doors off the out-buildings and the shutters off the windows for fuel. They slept and ate in the building, and used it in disgusting and vulgar ways, making it necessary often and often for teacher and pupils to put the room in condition for the day's work. The school house door often swung with the wind; much plastering had fallen off, wall paper was torn and dingy with dirt and smoke; the black-board was too high for

Mrs. Marie Turner Harvey is considered one of the foremost rural school teachers in the United States. She voluntarily accepted a position as teacher of the Porter Rural School in Missouri at \$50.00 per month, under a three year contract, in order to demonstrate how community building could be carried on successfully thru the rural school. This article is Mrs. Harvey's own story of her three years' work and its result, and was written by her specially for The Guide.

the use of young children; the woodwork, painted an ugly blue, was now begrimed with dirt; an old stove stood in the middle of the room, and the stove pipe had been wired unsuccessfully, so that gas and smoke escaped continually when in use. There were no shades in the room, regardless of the fact that the house faced west, and had the typical arrangement of windows, three on each side of the room opposite each other, so there was no way of protecting the children's eyes from the strong cross lights.

The furnishings were in keeping with the building. There were the usual battered double seats and desks

district. That the enumeration of 1912 listed 52 children of school age, and the average daily attendance ranged from eight to twelve—seemingly occasioned no one serious anxiety, since only about that number of taxpayers took the trouble to attend the school election each April.

That young children lost much time from school because of bad colds contracted in this drafty, ill-heated, dirty building—that teacher and children had to group closely around the old stove wearing wraps and even mittens for hours on real cold days—that they were constantly exposed to physical and moral dangers as a result of the "tramps" making this a regular station—all this and much more that must be suggested to any thinking mind were seemingly accepted with philosophical resignation by some, and viewed with supreme indifference by others, for local history does not record that any taxpayer ever made a formal protest about the "waste of public funds."

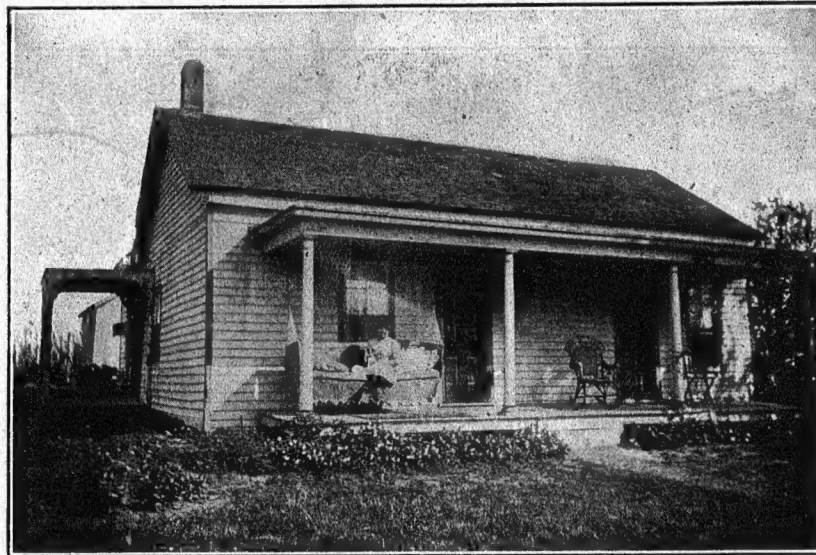
There was a lack of local co-operation, local initiative, and, worst of all, lack of local faith in the possibilities of bringing about a permanent regime of progress thru the medium of their public school. Certainly the drift of young people from the farm homes went steadily on, and those seeking higher education for their children made the supreme sacrifice of boarding these young people in town to get school privileges. Thus were they separated from home influences during the character-forming time of life and were taught in terms of city life.

A New Era Begins

Then something happened. The school board of 1912, composed of three men who themselves had "gone to school at Porter" in their youth, were determined to give their young children improved educational opportunity, and found a teacher willing to help them establish the best possible school with the funds available. The teacher agreed to do this if she could rent a home and live in this district, and further agreed to remain with them for three years, provided they gave full support during that time.

A ramshackle cottage of four rooms, three-quarters of a mile from the school house, was the only available place, and to this the teacher, with a country girl as domestic and companion, moved in in September, 1912, and under great difficulties began the work of making a typical rural school realize its possibilities for a community.

In the face of opposition with which every forward step is met, the jeers of some, threats from others that this would spell "high taxes," that the teacher would not stay but was certain to leave for a better salary, that "old ways" were good enough, etc., a small group of men led by this school board persuaded, reasoned, contributed labor or money or both, until by October 14 they had, thru co-operation, raised the building on a good foundation of concrete blocks, dug a basement, covered the floor with concrete, installed a first class hot air furnace therein, built a new flue, put in a drain, built a staircase leading from the vestibule to basement, and designed it



TEACHER'S COTTAGE IN PORTER DISTRICT

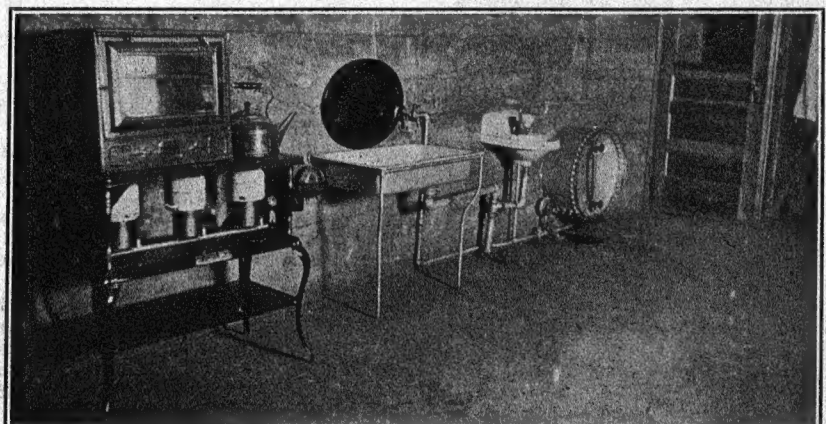
so unsuited to the physical needs of growing children; an unstable teacher's desk; a much torn Webster's Unabridged dictionary; a set of torn maps; a useless globe, and a cheap cupboard with wooden doors but lockless, and which contained a small number of cheap, badly abused "library books" for young children.

The Taxpayers Uninterested

This square-built, shutterless, unshaded, comfortable building, resting directly on the ground and surrounded by weeds to the very doorstep in summer, was the accepted educational centre of this



THE FIRST DAY AT SCHOOL IN THE PORTER DISTRICT



ONE SECTION OF THE BASEMENT OF THE PORTER SCHOOL

Continued on Page 19

A Desert Eden

A NOVELETTE

By Edwin L. Sabin

Continued from Last Week

"Thank you, dear," he said. "I'll remember. And I love you, and always will. But I've told you that before." They kissed. She continued in a pleading, almost feverish tone:

"You know I can't marry whom I please, Danny. Lots of us girls can't. And you're poor and you aren't in the army. Mama is bound that I marry into the army. She's more army than papa even. I'm sick of the army. I'm sick of being a civilized girl, anyway; of having to do things just because somebody else pronounced them right and proper. I've often wished I might be in a place like this, away off where one could throw aside convention and be oneself. Out in the world I couldn't tell you I love you, Danny; but I can here. Out in the world you're poor, and you aren't in the army; but here you're as good as anybody. Just this once I'm doing as I please—and I don't care. Isn't it grand, Danny?"

"Yes, sweetheart."

They kissed again, lingering long, lips pressing lips.

With a little shiver of pure joy she nestled her head upon his shoulder.

He saw that the old priest, noting them, was smiling; and he was unashamed.

The embrace and the kiss, and the confession, there in the wonder and the quiet of the moonlit, mystic mesa, seemed but intuitive with the spirit of the place.

So might first man and first woman have stood and surveyed their Eden, and have been blessed by some guardian angel!

But the peace was rudely broken. How long the two thus stood neither was conscious—so proof against time is love—when a raucous voice boomed thru the cedars and across the mesa.

CHAPTER III.

More Mystery.

"Bowie! Daviess! Daviess! Where are you, boy?"

The girl started and disengaged herself.

"We must go," she said. "Poor papa, and poor mama! They'll be frantic."

"I'd forgotten all about them," answered the young man ruefully.

"I hadn't. But I didn't care for a minute. It must be scandalously late. Come on, Danny. We're going to wake up. It's been a nice dream. I wanted you here with me and the old priest, and you came. Thank you, dear."

"Daviess!" The colonel's voice was bellowing indignantly.

"Must we go?" appealed the young man to the girl.

"Of course. No, we mustn't kiss again. We're waking up. Good-by, father," she said to the old priest. She took Daviess by the hand and led him away.

The old priest, pausing an instant to gaze benignly, spoke briefly. He said: "A Dios, my children."

"I hate to leave, dear."

"So do I. It's our garden, and he's the keeper of it. We won't tell anybody about it, Danny; not anybody at all. It's ours. Papa and mama wouldn't care about a place like this—some moonlight and some flowers and an old priest. They've got past that."

She was talking feverishly, walking rapidly.

A strange sensation of lightness and exhilaration permeated him, despite the fact that they were leaving behind them their Eden.

She dropped his hand; they emerged from the cedars, and before them lay the level brush, steeped in the silver night.

The stout, white figure, like a fat ghost's, of the colonel loomed spectral before them. He was tramping wildly, as if much perturbed. His mutter reached them.

They swerved toward him.

"Papa!" called the girl clearly.

The young man heard the word pass out into the lambent space around about; but the colonel appeared to notice not, nor had he yet sighted them apparently.

"Bowie! Daviess!" he boomed.

"Oh, dear," exclaimed the girl, "there comes mama, too! He's excited her." And she called again: "Papa, we're all right." And—"Hurry," she said.

They hurried, calling apace; for from the direction of the camp Mrs. Bool also was hurrying, filled, like her husband, with alarm now needless, and evidently as oblivious as he to the twain for whom they were frantically seeking.

The situation was preposterous. The young man yodled cheerfully; this cry they surely must hear. But—

"Bowie! Oh, Bowie! Daviess!" The colonel's voice broke; he was hoarse.

"Can't you find either of them, Benjamin?" cried his wife tremulously, panting with stress, physical and mental.

"Danny," gasped the girl. She wavered, almost halting. "They don't hear us, and they—don't see us."

"They're too excited. I'll give them a call they will hear. Hello! Whoopee! What's the matter?"

The colonel and Mrs. Bool had met.

here! They must be blind! They're looking right at us, too."

"Then they must be deaf and blind in a funny way. They see and hear each other. They're walking in their sleep, or else we are." He advanced resolutely and grasped the colonel by the shoulder.

"Colonel," he said, "wake up!"

But the colonel noted the touch not at all.

"If they're out together this time of night and deceiving us, it's indecent, Benjamin," quavered Mrs. Bool. "I—I'm going to faint!"

"Nonsense, my dear," snapped the colonel. "Er—I mean, try not to. What do you want to faint for? We'll go back to camp. Er—here's my arm. Lean on it."

"They don't see us, or hear us, or feel us," reported the young man to the girl, amazed. "I clapped him on the shoulder and never feezed him."

"Oh, Danny!" wailed the girl, hovering from one to the other. "We must be dead and turned to ghosts!"

"Then he ought to have shivered when I touched him," declared Danny.

"Mama," appealed the girl, "don't you know me?"

"It's indecent," was proclaiming that worthy weakly, as upon her husband's arm she toiled on back to the pinon

around, my dear, when I was courting you? No. And I didn't, either. If these young folks were off spooning I wouldn't be half as concerned. By gad, I'd go to sleep."

"Bully for him!" quoth the young man across to the girl. "Did you ever hear him preach such gospel before?"

"No, never! But he always takes the contrary. I wish we had a shorthand witness."

They were escorting, one on either flank of the older couple.

That they should not yet have been detected was all incomprehensible; here they were, touching elbows virtually with the other two—and no attention was being paid to them.

Yet they walked and talked, and apparently were like anybody else.

"It's indecent. I never shall hold up my head again," protested Mrs. Bool. "I shall take Bowie and go to Europe."

"Humph!" grunted the colonel. Bowie clapped her hands in approval.

At the pinon camp Mrs. Bool sank upon her bed with a sigh of fatigue and a groan of dismay mingled.

The colonel, with sound non-committal save that it expressed fatigue on his part also, surveyed her.

His glance swept anon the mesa, lying white and brooding around about.

"If I only knew that they were safe!" moaned his wife. "What time is it?"

The colonel seated himself beside her. He consulted his watch.

"Eleven-thirty," he reported.

"It is indecent. I never shall survive such a scandal. Lieutenant Kunke will break the engagement. I know he will. He will be perfectly excusable."

"We won't sue him for breach of promise," quoth her husband grimly. "By Jove!"

"Oh, we're not engaged!" exclaimed the girl indignantly. "How dare mama talk so? Don't you believe her, Danny."

"What's eleven-thirty on such a night?" scoffed the colonel. He hitched nearer to his wife. With an effort of avoirdupois he extended his right arm back of her massive waist. He chuckled sheepishly. "You and I saw the twelve o'clock moon many a night, my dear, when we were younger. Egad—and the one o'clock, too, if we could!"

"Benjamin!" she gasped. She sighed. The arm did its best to accommodate itself. "But society is different now. What will people say?"

"Damn people, my dear!" exploded her husband.

"If I only knew they were safe—" She faltered.

"They've sneaked off, the young rascals!"

"But Danny said he didn't know where she was."

"Probably he didn't. I'll venture to say that he does now. We'll give them a good wiggling, my dear. But, egad, I don't blame them! She wanted to stay 'just a minute more.' We know how that is, my dear. Damme, I admire his spirit! He's a change from Kunke, eh? Kunke'd be afraid of getting the crease out of his trousers. Give the girl and boy a fling, my dear. Egad, I feel spoony myself!"

"Oh!" ejaculated Mrs. Bool. "Benjamin! You took my breath. You mustn't—" The arm evidently had tightened.

The colonel chuckled.

"If you're sure they're safe," murmured Mrs. Bool drowsily.

"Sleepy?" queried the colonel tenderly. "Take a nap, Kate. Poor girl! Egad—" and he kissed her.

"Shocking!" declared Bowie, her face dimpled with amusement. "Papa certainly is moonstruck."

"Perhaps I'd better withdraw," hazarded the young man. "The Bool family may want to be by itself."

"Wait!" she ordered.

Continued on Page 26



He chuckled sheepishly. "You and I saw the twelve o'clock moon many a night, my dear."

"What is the matter, Benjamin? Have they both gone?"

"They're hiding. It's a trick; by gad, I believe it's just a trick!" stormed the colonel.

"Oh, they wouldn't do that! Bowie wouldn't, I know. Something's happened to them, Benjamin."

"But, mama, we're here," expostulated the girl earnestly. "If you'd only listen and look! You and papa are acting ridiculous."

The younger couple were now within a few yards of the elder. It was impossible that they should not be recognized.

They paused, waiting the sudden acclamation. The girl again gasped. She clutched her companion.

"Danny, they don't see us, and they don't hear us! They don't know we're

camp. "They've been gone together hours—in the night—without sign of any chaperon. What will Mrs. Major Jones say—what will Lieutenant Kunke say? Such a thing never could take place in the east. Lieutenant Kunke has often told me that he does not consider it proper to take even his own sister about after dark without a chaperon. If this gets out, Bowie's chances are ruined."

"Mrs. Jones is a fool and Kunke is an ass!" retorted the colonel hoarsely. "Balderdash! Bowie can take care of herself. I'll risk her reputation. I've always thought it a pity that young Daviess didn't join the service. He'd make a damn sight better man for Bowie to tie to than that jackanapes. Chaperon! Bah! Did you want any chaperon

DISTRICT No. 7 CONVENTION

The third annual convention of District No. 7 of the Saskatchewan Grain Growers' Association was held in the town hall, Melville, on Wednesday, December 22. Owing to the absence of the district director, Mr. Travis, thru the sickness of his wife, John M. Reid, director of District No. 9, presided. The attendance was not so large as was anticipated, there being about twenty locals represented, but what was lacking in numbers was made up in enthusiasm and good fellowship.

In his address as chairman, Mr. Reid gave a summary of the activities of the association during the past year, and sounded a note of supreme optimism as to the prospects for the future development. Reports were given by the representatives of each local present, which tended to show that a great deal of work was necessary in order that the interest of the members in the work of the association might be sustained and in some cases revived, but every report showed that much benefit has accrued to every individual member who has taken advantage of the purchasing and other facilities offered by the association.

Interesting Addresses

During the course of the convention several excellent addresses were given by various speakers. Mr. Gill, of the department of agriculture, gave some very practical suggestions as to how each rural municipality would derive benefit by the appointment of a secretary of agriculture, and showed very clearly how the services of such an official could be obtained at a comparatively small increased cost over the present system of assessing, weed inspection, etc., by combining these duties and making the new official responsible for their performance.

Mr. Wilson, of the Hail Insurance Commission, was also present, and in connection with the resolution which is detailed below, gave a concise statement of the activities of his department, showing that it was being operated to the satisfaction and benefit of all those who were able to take advantage of it.

R. M. Johnson, of Moose Jaw, outlined the scheme of financing the Central and the federation of inter-provincial and allied organizations, which had been formulated by the Central executive. A resolution unanimously passed gave the hearty endorsement of the convention to the scheme, and as a practical demonstration of the interest awakened, no less than twelve persons present took out life membership certificates in the association.

Mrs. W. H. Frith, of Birmingham, who was the first lady speaker at any convention of the district, gave a very interesting outline of the work of the Woman's Association, and made a strong appeal for the assistance and co-operation of the men in the work they were endeavoring to perform.

Resolutions

Several important resolutions were discussed, some of which were defeated, but most of which were passed. Amongst these were the following:

Whereas the sum of at least \$600,000 is required by the Saskatchewan branch of the Patriotic Fund to meet the obligations to the dependents of our soldiers at the front for 1916; resolved, that the Saskatchewan government be asked to enact such legislation as will make it compulsory for the councils of all cities, towns, villages and rural municipalities to subscribe a sum equal to the proceeds of a tax of one-half mill on the dollar of the assessment on all real estate in the province.

Resolved, that fifty per cent. of the provincial tax on automobiles should be returned to the rural municipalities for the maintenance of roads.

That this convention recommend to the provincial government the empowering of the Hail Insurance Commission to devise some system of supplementary insurance in those municipalities not under the operation of the act. Also that the commission be empowered to increase the indemnity at their discretion, instead of lowering the assessment.

That the Central be asked to take up with the Railway Commission the following matters: 1. The elimination of switching charges for goods transferred from one company's lines to another. 2. The matter of cattle guards along the

main line of the G.T.P. 3. The compulsory installation of switches at all junction points.

That the government be asked to make provision by legislation restricting the practice of unqualified midwifery in the province, and to provide a fund from which grants may be made to enable prospective mothers to obtain adequate medical attendance at childbirth.

That the Saskatchewan government be asked to encourage the establishment of co-operative hospitals along the lines followed by the Lloydminster hospital.

That, in the opinion of this convention, the final decision as to where the Central offices should be located should be left to the full board of directors, with due regard to the requirements of the province.

Resolutions of condolence were ordered sent to the family of Mr. Speakman, the deceased president of the United Farmers of Alberta, and to the

hall in which the meetings are held and charges enough to say the least. I am trying to get the local and "Home-makers" to join together and build a place of their own, but many of them are in debt at the store and afraid to do it. Pardon my tale of woe, but I felt that you should have some explanation for the inactivity here.

LOCAL SECRETARY.**The Secretary's Advice**

Local Secretary:—Your very interesting letter of the 21st inst. is before me. I am not surprised to hear that interest in your local is on the wane in the face of the fact that a local storekeeper is vice-president of the Association. The chances are ten to one that your storekeeper is a member of the Retail Dealers' Association, which body is the bitterest enemy which the farmers' movement of Saskatchewan has.

My advice to you is let your local meet in a country school house instead of

DISTRICT CONVENTIONS

The following is a list of places and dates for the holding of District Conventions:

District	Directors	Date	Place
1	W. H. Beesley	January 13 and 14	Elbow
6	F. M. Redman	January 4	Indian Head
8	Thorne M. Eddy	January 4	Davidson
14	T. M. Morgan	January 17 and 18	Swift Current
15	Frank Burton	January 25	Assinabola
16	W. T. Hall	January 11 and 12	Conquest

members of the association over which he so ably presided. A letter of sympathy was also sent from the convention to the district director, Mr. Travis, on account of the illness of his wife.

District Elections

For the office of district director for the ensuing year, Fred H. Clarkson, of Melville, was recommended to the annual convention, with H. P. Barr, of Bangor, as second choice. W. J. Benwell, of Melville, was elected district secretary, and the district was divided into eight divisions, each in charge of a sub-organizer. A date between December 11 and 18, 1916, is to be decided upon for the district convention of 1916.

At the evening session an address was delivered by J. H. Burrill, of Indian Head, emphasizing the educational work of the association, and pointing out the great influence that the opinion of the organization at large could have upon public opinion if rightly used. Mr. Reid and Mr. Johnson also spoke along instructive lines. After the usual votes of thanks had been heartily passed, the convention was closed, and the members dispersed with a determination to make the next year the best in the history of the district.

Subsequently a meeting of the sub-organizers was held, at which a plan of campaign was outlined for the coming year.

A MERCHANT FOR VICE-PRESIDENT

Central Secretary:—Unless some life can be instilled our local branch of the S.G.G.A. will soon be dead. I was elected secretary almost a year ago and have been able to get members enough together for three meetings only since then. I have not sent in the fees because there are only five active members. Until spring I tried to get some action, but without success, and now I want to try again.

This, to my mind, is the trouble. The local storekeeper here is the vice-president of the local and whenever any talk of ordering supplies is started he will stop it by coming to a certain extent to the same terms. While this is no doubt a help, it leaves no outward show of life, and outsiders and a great many of the members get the idea that nothing is being done.

Then this same storekeeper owns the

livered by Harvey Hearn, after which the district director addressed the delegates.

The convention then proceeded to deal with the resolutions, as follows, all of which were carried:

"That this convention is firmly of the opinion that every child in Saskatchewan should be taught the English language, and that an effective measure of compulsory education should be placed on the statute book."

"That we heartily endorse the scheme of the seed competition for locals of the association, and we agree to support this plan."

"That this convention is in favor of the establishment of co-operative packing plants and stock yards."

That this convention heartily endorses the action of the Canadian Council of Agriculture, in asking that steps be immediately taken to secure Free Wheat."

"That whereas, during the present season, gross carelessness is apparent in many instances in the grading of grain, this association ask that immediate steps be taken to bring this matter before the proper authorities to be remedied."

"Resolved, that this association places itself on record as favoring Free Trade with Great Britain and the United States."

"Resolved, that in view of the increasing numbers of gophers in our district, we are in favor of establishing a gopher bounty."

Care of Soldiers and Dependents

"Resolved, that this convention places itself on record as firmly of the opinion that the care of returned disabled soldiers and dependents of soldiers is a matter of national responsibility, and in no sense should this work be dependent upon voluntary contribution, and, further, that reasonable funds requisite for this purpose should be raised by an equitable method of taxation, distributing the burden amongst all the people."

"That this convention learns with regret of the loss sustained by our secretary thru the death of his mother, and extend to him our sympathy in his bereavement."

"That we desire to place on record our appreciation of the work of our late secretary, F. W. Green, and deplore his untimely death."

"That we are gratified at the result of the recent elections on the liquor question in our district, and we are in favor of entirely abolishing intoxicating liquor from our province, and if possible preventing it from being shipped into this province."

Thos. Sales, of Langham, then addressed the convention, after which nominations were taken for district director for 1916, G. A. Hope being eventually the choice of the delegates.

A number of life members were enrolled in the course of the proceedings.

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Frozen
FISH**



**Fresh
Frozen
FISH**

We have Purchased Two Car-loads

Dressed Whitefish

Which are due to arrive.

Prices F.O.B. Saskatoon 5 3/4 c per lb.

Prices F.O.B. Regina 6c per lb.

in good sound cases. Trout, Jack, Pickerel and Mulletts, in limited quantities according to catch, at lowest prices. Cost of freight to you will be Class 1 rate from Saskatoon or Regina.

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J. B. MUSSELMAN, Secretary

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AUCTION SALE held at Salerooms every WEDNESDAY

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UNRESERVED

Auction Sale

Monday, January 24,

Commencing at 12 o'clock

AT THE RANCH OF MR. R. G. ROBINSON

Situate 18 Miles North West of Calgary

300 Head Mares and Geldings

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These are an extra choice bunch of well bred horses, comprised of 250 mares and 50 geldings all by Imported Clyde, Shire and Percheron Studs. These mares and geldings are all young, sound and of extra good conformation, lots of bone and all good colors. Farmers wanting good horses should attend this sale. Horses will be sold in lots to suit purchasers and absolutely without reserve.

We undertake to load these horses on the C.P.R., C.N.R. and G.T.P. Railways free of charge. Automobiles will leave 520 Centre St. Calgary in time for this sale. Luncheon Provided. Terms Cash. No Reserve. Buyers from outside points must have Certified Checks or Bank Drafts.

Further particulars may be had by applying to the Auctioneer:

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Ten Head Registered Clydesdale Mares

ONE REGISTERED CLYDESDALE STALLION
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100 Head well-bred Mares and Geldings of Clydesdale, Percheron and Shire breeding will be SOLD BY AUCTION at the

CALGARY SALES REPOSITORY

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Thursday, Jan. 20, at 2 p.m. J. W. DURNO, Auctioneer.

NOTE—Several carloads of good farm horses always on hand.

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Extends a hearty invitation to all U.F.A. DELEGATES, MEMBERS AND FRIENDS visiting Calgary to call and inspect their Creamery

We are desirous that our shippers and friends should see for themselves our method of weighing and testing cream, and will be glad to show them through our whole plant, equipped with the most modern machinery for pasteurizing milk, butter and ice-cream making, etc.

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YOU ARE INVITED to Inspect our Large Stock of

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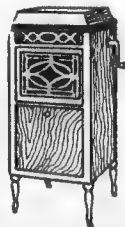
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Alberta

This Section of The Guide is conducted officially for the United Farmers of Alberta by P. P. Woodbridge, Secretary, Calgary, Alberta, to whom all communications for this page should be sent.

CALGARY CONVENTION

The eighth annual convention of the U.F.A. will be held in the First Baptist Church, corner of Fourth Street and 13th Avenue West, Calgary, on January 18, 19, 20 and 21, 1916. The men's meetings will be held in the main auditorium and the women will meet in the Sunday school room adjoining the church. A special train has been arranged for on the Swift Current-Bassano line, leaving Empress Monday morning, January 17. Details may be had on application to the Central office. Arrangements for the open meeting on Monday evening have not been completed, but will be published in next week's issue. Delegates on arriving should look out for members of reception committee, who will wear purple badges, or if these are missed, make inquiries at the inquiry room in Calgary Daily Herald Building or at the Central office.

CONVENTION PROGRAM

The following is the program (subject to revision) for the Eighth Annual Convention of the U.F.A. to be held at Calgary, January 18, 19, 20 and 21, 1916:—
Monday, January 17, 1916
Directors' Meeting, Central Office.

Evening

Open Meeting, and Registration of Delegates.

Tuesday, January 18

10 a.m.—Opening. Invocation.
Addresses of Welcome:—Mayor of Calgary and Hon. Minister of Agriculture.
Election of Chairman.

Appointment of Committee on Credentials.

Directors' Report.

Afternoon, 2 p.m.

Report of the Secretary.
Financial Report.
Auditor's Report.
Report of the Legislative Committee.
Report of the Market and Transportation Committee.
Report of the Pork Packing Committee.

Evening, 8 p.m.

Meeting of Local Secretaries.
Social Evening.

Wednesday, January 19

9.30 a.m.—Constitutional Amendments.
11 a.m.—Fifteen minutes adjournment, nominations for President.
11.15 a.m.—Constitutional Amendments.

Afternoon

2 p.m.—Consideration of Resolutions.
3 p.m.—Election of President.
Consideration of Resolutions.
4.30 p.m.—Nominations for Vice-Presidents.

Evening, 7 p.m.

Public Concert and Addresses.

Thursday, January 20

9.30 a.m.—Election of Vice-Presidents.
Consideration of Resolutions.

Afternoon

2 p.m.—Nominations and Election of Directors by Districts: Separate Committee Rooms.

3.30 p.m.—Consideration of Resolutions.

Evening, 8 p.m.

Banquet at Hotel Palliser.

Friday, January 21

9 a.m.—Consideration of Resolutions.
2 p.m.—Consideration of Resolutions.

Adjournment

WOMEN'S AUXILIARIES U.F.A.

Convention Program

Tuesday 9.30—Presenting Credentials and Assembling with Men's Union for Opening Addresses.

Tuesday 1.30—Roll Call of Delegates.

President's Address.

Greetings from Saskatchewan Women Grain Growers, Mrs. McNaughtan.

Greetings from Women's Institute, Miss Noble.

Greetings from W.C.T.U., Mrs. McKinney.

Paper, Miss Beynon.

Wednesday 9.30—Business Session—Secretary's Report, Directors' Report, Delegates' Report, Discussion.

Wednesday 1.30—Paper, "Women's Place in the Nation," Mrs. Walter Parlyb.

Paper, "Aims and Objects of the Women's Auxiliary," Mrs. R. W. Barrett.

Thursday 9.30—Election of Officers.

Thursday 1.30—Paper, H. E. Spence.

Discussion of Problems connected with the work of the Auxiliaries.

A PATRIOTIC LOCAL

We are in receipt of \$50.00 for the Patriotic Fund from Winona Union, No. 161, together with the following report from their secretary, J. P. Swayne:—

"Mr. Ottewell, of Alberta University, gave us a splendid lecture last Friday night at Winona school. He spoke in behalf of the Canadian Patriotic Fund and presented a very interesting review of part of the early period of the war. His tribute to General Joffre, whose superior generalship saved Paris from the German horde, was well received. He had lantern slides to supplement the discussion. A box social followed, resulting in the raising of fifty dollars for the Patriotic Fund. On Saturday we had our annual meeting and the following officers were elected:—President, Fred Sutton; vice-president, Arthur Carson; secretary-treasurer, Ira McLeod."

WATERHOLE UNION

A local union has been organized at Waterhole recently, to be known as the Waterhole Union. Dues have been forwarded to this office for eleven members. The officers elected are D. M. Kennedy, president; S. W. French, vice-president; and A. Bennett, secretary-treasurer.

CO-OPERATING WITH THE CHURCH

Geo. Butcher, secretary of New Bridgen Union, No. 348, reports that the union has done very little co-operative buying this year. The members are still very busy and threshing is late; however, the union is alive and hope to make good progress in the coming year. The annual meeting is to be held on December 29. The Methodist Church in this district has appointed two collectors for the Red Cross Fund and the local is helping them in every way possible. They have about \$100.00 now and are to hold a concert in the near future in order to raise more funds.

A SUCCESSFUL AUXILIARY

Mrs. L. A. Riste, secretary of Winnifred Women's Auxiliary, reports that they have now twenty-four members on the roll, sixteen of whom are paid up, and she hopes to be able to forward dues for the balance in the near future. Last year was a hard year financially in this district, but this year the crops are very good. Considerable interest appears to be taken in this auxiliary by the members. The men and women meet together in the winter evenings, when there is always a good program provided and very often a social or a dance.

A NEW START

The following report has been received from R. M. Johnston, secretary of Kirkpatrick Union, No. 651:—

"You have not heard from us for a long time. I have had nothing to report as we have been very quiet since our picnic in June, but at our annual meeting, which was held on December 17, we had a good turn out and a rattling good meeting. Everybody present seemed to be deeply interested. Orders to the amount of one car of cedar fence posts were taken. A large number of the members wanted the secretary to write away to firms for prices on barbed wire, plow shares and also to write to the government for particulars as to getting a draft stallion. Five members renewed their cards. A lot of the old members have dropped off, but they are mostly those who live a long distance from the school where the meetings are held. The election of officers was as follows:—O. C. Harmer, president; P. Fahey, vice-president. Two of the old directors were re-elected and four new ones elected. The secretary-treasurer was re-elected. Jas. Fahey was appointed auditor and audited the books at the meeting, finding same correct. We have in the funds \$71.65. The secretary was appointed a delegate to represent the union at the annual convention held in Calgary. The crops in this district turned out to be real good and the farmers are busy hauling grain. With the new officers we have now I hope we will have more interest and do much more business."

U.F.A. Convention, January 18-21. Where to go when in Calgary

Are You Fully Protected?

You cannot afford to run the risk of losing in a few hours all you have scraped together by years of hard work. Insure with us against fire and livestock losses. You will sleep sounder because you are secured. Agents throughout Alberta, Saskatchewan and Manitoba. Call at our head office, I.O.O.F. Building, Centre Street, while in Calgary.

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Special Inducement

offered all who come to Calgary during United Farmers' Convention in January

High Grade Piano

At an Exceptionally Low Figure

For full particulars see "ad." in official program or write for information and we will send catalogue and complete details of the most attractive piano proposition you have ever been asked to consider.

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IF YOU DO NOT SEE WHAT YOU WANT ADVERTISED IN THIS ISSUE, WRITE US AND WE WILL PUT YOU IN TOUCH WITH THE MAKERS

The Home of the Shamrock Brands

Arrangements have been made by the Company to give special attention to all visitors, and a cordial invitation is therefore extended to all in attendance at the Convention to inspect the building.



The Packing House of P. Burns & Co., Ltd., Calgary, shown in the above cut, will be one of the chief attractions to delegates in attendance at the Convention of the United Farmers of Alberta in January, 1916. It is the latest in the construction of packing houses; it contains all the most modern improvements in cold storage, and a special department for handling butter, eggs and poultry.

LET'S GET ACQUAINTED

The Calgary Central Creamery

Invites you to call and inspect their plant while in Calgary for the U.F.A. Convention

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CASH FOR FURS, HIDES, ETC.

Ship direct to us. Established since 1887
Deal direct with the largest and oldest house in the West. Highest prices and immediate cash returns. No duty on Hides and Furs. Write for free price list, tags and full information.

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WHEN WRITING TO ADVERTISERS PLEASE MENTION THE GUIDE

Unique Convention PIANO SALE

The Old Established Piano House

Doherty Piano Co. Ltd. Alberta Branch Calgary

Has undertaken to offer the members of the United Farmers of Alberta the benefit of the Identical, Lowest-in-Canada Scale of Prices that prevailed during the recent great Holiday Sale, the same valid

Before and including the Calgary Convention Dates, Jan. 18 to 21, 1916

It is an hazardous undertaking to cut piano prices to practically wholesale.

It is a Distinct Concession to the Farmers

But if we can sell direct we think we can afford to give them the benefit of all ordinary selling expenses—travelling, commissions, salaries, hotel, livery, etc., and these with a sacrifice on retail profits will provide a Saving on each Piano of \$107.50 to \$132.50, and we count on a sufficient number being bought to make an aggregate success.

In addition, read the following Remarkable Concessions

- 1st—Your hotel bill for four convention days; or
- 2nd—Your travelling expenses up to one hundred miles credited on your purchase.
- 3rd—2½ per cent. further discount for one-half cash; or
- 4th—5 per cent. discount for all cash.
- 5th—A CROWNING FREE GIFT of our two-year Correspondence Course of Instruction of the value of \$80.

Here is an Aggregate no Piano House ever offered before in Canada
The cuts will indicate the savings in terms of dollars. A number of slightly used guaranteed Pianos also on sale.

SURPRISING TERMS: \$1.75 per week, following a cash payment, secures you one of these fine Pianos. Twenty-five Cents a Day! Here is piano democracy; even the farmer of moderate resources can enrich his home with music.

QUALITY AND GUARANTEE: The Doherty Piano Co. is 40 years old. We use the Best of Everything in Construction—Otto high actions, laminated acoustic rims, real ivory keys, real copper-wound bass strings, choicest veneers, etc., etc. Ten Years Guarantee, the longest given in Canada and free from all catches. A fine choice of finishes—Walnut, Mahogany, Circassian, Fumed, Mission, etc. Terms arranged to suit—monthly, semi-annually or annually. Our entire proposition is one that better even the department store prices and beats their quality; gives you the name of the actual factory or manufacturer and not a stencil name that conceals the origin; gives you an up-to-date Piano of best grade, of balanced and full mellow tone—a Piano you can always be proud of, with a name that has been a household word in Canada for Forty Long Years. We are open evenings during the convention, but you may buy any time from to-day till Jan. 21. This offer is good for Alberta only. This advertisement appears but once. For fuller information mail us the coupon.



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Kindly send me cuts and descriptions of your Pianos as advertised. (State preference if any).

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Address

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1915 The Great-West Life Assurance Company has maintained its leading position.

Business in force over One Hundred and Eighteen Million Dollars.

THE GREAT-WEST LIFE ASSURANCE CO.

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Has an Express Office. In every town and city in the country there is at least one place where you can get

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To send currency in a letter is never safe; even when sent by registered mail there is danger of loss.

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RAW FURS
We Pay Highest Values
Write for Price List and Shipping Tags
Pierce Fur Co. Ltd.
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We Also Buy HIDES and SENECA ROOT

WHEN WRITING TO ADVERTISERS
PLEASE MENTION THE GUIDE

Manitoba

This Section of The Guide is conducted officially for the Manitoba Grain Growers' Association by R. C. Henderson, President, Culross, Man., to whom all communications for this page should be sent.

SOURIS DISTRICT CONVENTION

The convention of the Souris district of the Manitoba Grain Growers' Association was held at DeWitts Hall, Napinka, on December 10. The convention was opened with President O. A. Jones in the chair. Secretary-treasurer report was read and approved. The convention endorsed the action of the Central Executive and Council of Agriculture regarding their activities to bring about free wheat. A motion was carried recommending the adoption of a duplicate system of sampling and grading, with the establishing of a permanent board of appeal. It was decided that the basis of representation as outlined by the constitution, one to every ten paid up members, be the basis of appointing delegates by the branches to be represented at the district convention in future, voting by proxy being allowed to bring up the number of each branch. On discussion it was agreed that all delegates present have full voting power at the present meeting.

The convention was then thrown open for nominations for officers for the District Association for 1916 and the following were duly elected:—Oscar A. Jones, Whitewater, president; Jas. Steedman, vice-president; and Wm. Alison, Deloraine, secretary-treasurer. After short addresses had been given by the newly elected officers, Chas. Longman, of Regent, moved, seconded by C. S. Watkins, Dunrea, that the name of D. S. McLeod, Goodlands, be recommended for appointment at the Brandon convention as district director for Souris. Carried.

It was moved by G. Love, Ninga, seconded by W. Robertson, of Hartney, and carried, that a levy of \$5.00 per year on each branch Association be made for the support of the District Association.

It was moved by Mr. Longman, seconded by Mr. Watkins: Whereas we have passed innumerable resolutions placing ourselves on record as being in favor of Free Trade, and whereas when it comes to an election we have been invariably defeated. Be it resolved that we adopt some more energetic means to get our views not only before our own fellow farmers, but also before the working men of Canada, as the farmer's interest and the workman's interest are identical.

Discussion took place on the work of the executive of the District Association in the past year, the method of financing and place of meeting of District Association, the need of more effective work in establishing new branches and strengthening some of the weaker ones and a much needed change in grading of grain.

Short addresses were given by T. M. Kennedy, president of the Napinka branch, welcoming the delegates. Mr. Kennedy reported the Napinka branch as having taken on a new lease of life thru their activity in the co-operative buying of supplies, showing something tangible to its members for the \$1.00 membership fee. W. J. Jasper, secretary of the Hartney branch, also spoke highly of this means of arousing deeper interest in the Association by co-operative buying of commodities, such as binder twine, apples, flour and feed, coal, etc., drawing attention to the educational value to the members of the Association thru their subscribing for The Guide. Alf Longman, secretary of the Regent branch, gave an outline of activities of his branch, which derived a great stimulus thru its purchasing of supplies. T. Johnson, secretary of Fram branch, Baldur, gave a very encouraging report of the establishing of their branch with its doubling of membership, doing very little so far in co-operative buying, but depending greatly for inspiration on entertainments, debating clubs, etc., laying strong emphasis on the fact that the man that did not join the Association was a strong factor in pulling the Association down and remarking on the hard work necessary to induce the average man to join. G. Love, secretary of the Ninga branch, reported a good increase in membership, with active co-operative buying of supplies, business being mostly done thru an executive who meet when and wherever they could to transact business, saving the Association the rent of halls.

J. L. Brown, district director, of Pilot Mound, then addressed the convention,

showing the incentive our Association had been to other organizations and the need of an outlet for our activities in the future, having caught up with a large portion of the work we had set out to accomplish, and showing the needs of a yet greater co-operation between the other business interests and agriculture. Mr. Brown in a clear and concise form reviewed the several live subjects that are up before the agricultural community of today and showed the need of an aroused public opinion on such questions as farm credits, reduced cost of production, long term loans, mixed farming, distributing of livestock, cold storage facilities, prohibition, setting high ideals before our new immigrants, choice of strengthening their character or moral ruin for the future of Canada, the urgent need of helping our returned soldiers into suitable lines of work and the call for help to support the various patriotic organizations.

W. H. English, of Harding, in his usual breezy style, next kept the delegates deeply interested in his account of what had been accomplished by the Association in the past and the need of keeping closely in touch with prospective legislation.

BAGOT LADIES' AUXILIARY

On February 6, 1915, a meeting of the ladies of the district was held and formed an organization to be known as the Women Grain Growers' Auxiliary of Bagot. Mrs. Radcliffe was elected president, Mrs. Sims, vice-president, and Mrs. Barrett, secretary-treasurer, with Mesdames Hamilton, Wolsley, Ingleton and Smallpiece, Miss Menzies and Miss Burt as directors. It was decided to hold meetings monthly, the same to be opened with prayer and closed with the National Anthem. The secretary had a roll call at each meeting and kept a record of those in attendance. Each meeting was to have something special. March 20 we had Mrs. Dayton, of Virden, and enjoyed a very interesting talk on women's work. In April we had the report of the district meeting. The May meeting being smaller we had a social talk. Next meeting we had Mrs. Buckingham, of Portage la Prairie, with us and she gave an excellent paper on "The Business of Being a Woman." Miss Crawford, of the M.A.C., was also with us and gave a demonstration on "Cooking." July 3 we had a paper on "Good Butter and How to Make it" from Mrs. Barrett. We also had a talk on how to raise some money as the auxiliary felt they would like to have a share in the patriotic work going on all around us and as money was needed we decided to hold a ball in Mr. Barrett's barn, which was carried out with fair success. July 31 Miss Hope Radcliffe gave a paper on "Birds, Their Habits and Usefulness." Miss Menzies gave a paper on "Cooking," Mrs. Bently a talk on Red Cross and patriotic work. Mrs. McLaughlin gave a reading on the work. In August and September we held no meetings. On October 2 a good meeting was held and it was decided to ask Miss McKenzie, superintendent of Ottawa Nurses' Home, to address us with a view of installing a district nurse, which she did and the matter has been left in the hands of a committee. On October 30 a nice instructive paper was given by Miss Ingram on "The Teaching and Training of Children." Arrangements were also made to hold a ten cent tea and bazaar. Mrs. Pratt, of Portage, was with us and gave us some useful instructions on Red Cross work. On November 2 Mrs. Pettigrew gave a most interesting lecture on "Domestic Science and the Saving of Steps in House Work." Our annual meeting was held on December 11 and officers elected. Altogether our auxiliary has accomplished considerable in the past year in the way of numerous articles for the soldiers as well as cash contributed, \$70.00 having been donated to Red Cross, beside which we have \$44.00 on hand. This will be used in the near future for some needy cause and the auxiliary wish to thank those who have helped in any way.

ROARING RIVER ANNUAL MEETING

The annual meeting of the above Association was held on December 15.

After the president had given a brief outline of the work done by this branch during the year, the secretary gave his report and financial statement. The following officers and directors were elected for the ensuing year: President, J. L. Crichton; vice-president, Tom Martin; directors, Ben Cox, David Reid, C. H. Spicer, Fred Obee, Roy Ireland and R. J. Walker; secretary, John Livesey.

OAKBURN PATRIOTIC ACRE

The Oakburn secretary writes:—You will please find enclosed the sum of \$98.00 for patriotic purposes, the enclosed pledges show how the donors wish their acre squandered. There are seventeen more to hear from and I will send in the money as soon as I get it. The following are the contributors:—John Black, John D. Black, David A. Black, Jos. W. Eastcott, George Reid, C. Compton Lundie.

NEWBRIDGE-WOODMORE PATRIOTIC ACRE

The following have contributed from the above branches for the Patriotic Acre Fund:—B. Brewster, W. H. Palmer, H. Nisely, J. F. Batten, E. Post, James Smith, T. Snead. Total \$150.00.

PATRIOTIC ACRE RECEIPTS

Previously reported	\$441.22
Paterson Bros., Stonewall G.G.A.	35.00
W. J. Fraser, Glenella G.G.A.	28.25
A. E. Hill (Brandon), Woodnorth G.G.A.	15.90
J. Matthewson, Woodnorth	13.35
Oakburn G.G.A., per—	
John Black, W. Eastcott, J. D. Black, Geo. Reid, David A. Black, C. Compton	98.00
Wm. Hill, Woodnorth G.G.A.	15.00
Jas. Strachan, Woodnorth G.G.A.	5.00
Jno. McIlwraith, Ingelwood G.G.A.	29.64
Brandon Hills G.G.A.	457.00
J. G. Radcliffe, Medora G.G.A.	15.00
D. M. Ballard, Medora G.G.A.	22.00
Ninga G.G.A., per 32 contributors	490.10
Geo. A. Kent, Kenton	32.00
Dunrea G.G.A., per—	
M. Muirhead	15.00
W. Coulthard	20.00
N. Leslie	17.60
G. T. Watkins	15.00
C. L. Coulthard	20.00
W. Fliggs	20.00
C. T. Watkins	20.00
Goodlands G.G.A., per—	
D. S. McLeod	25.00
C. Condie	20.00
Harrow G.G.A.	195.00
Woodmore and New Bridge, per—	
B. Brewster	20.00
E. Post	20.00
W. H. Palmer	20.00
Jas. Smith	30.00
H. Nisely	20.00
T. Snead	20.00
J. F. Batten	20.00
Valley River G.G.A., per—	
J. McKillop	20.00
Archie McKillop	28.00
G. Jardine	29.00
B. Boughen	35.00
F. Kilty	40.00
J. McQuay	91.65
Lenore G.G.A., per—	
Wm. Wilson	20.50
L. Hill	25.20
Thos. Hodgins	23.50
Jos. Wall	34.40
Cameron G.G.A., per—	
R. R. Dalgarno	27.70
J. R. Gugin	40.00
Total	\$2630.01

PATRIOTIC ACRE IF

Information has reached this office that some branches and some members of the Grain Growers' Association are remitting the proceeds of their Patriotic Acre direct to the different War Relief Funds without reference to the Central office. As this Patriotic Acre Fund has been originated by the Grain Growers' Association it is desirable that any contributions made to that fund should be remitted to the Central office so that it would increase the amount contributed by the Association. It is very true that any moneys sent direct to the different relief funds would serve the purpose of relief just as well as if it passed thru the Central office, but the larger the Patriotic Fund of the Grain Growers' Association is swelled the greater the credit to the Association.

UNION TRUST COMPANY LIMITED

Capital \$1,000,000
Reserve \$950,000
Assets over \$14,000,000

WINNIPEG Man.
REGINA Sask.

Money To Loan!

National Trust Company Limited

Money to loan on first class, well improved farm property at lowest current rates of interest. See our Agent in your district, or write direct to

National Trust Company, Ltd.
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Buy a Bond!

We have bonds of Canadian Municipalities in amounts of two hundred dollars and upwards which will return to purchaser

5½ to 6 per cent.
Safe, convenient and at all times convertible into cash. Write for particulars.

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Stock and Bond Brokers
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J. A. FRAZER President
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H. E. HEMMONS Treasurer

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Head Office: BEULAH, Man.
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Licensed to transact business in Manitoba and Saskatchewan. Full Government Deposit with Saskatchewan Government.
Financially the strongest Farmers' Mutual Insurance Co. in Western Canada, with over \$15,000,000.00 of insurance in force and assessing the lowest rates to policy holders of any company doing business in the West.
AGENTS WANTED
in districts unrepresented. Must be able to deliver the goods. Write for further information.

THE LONDON MUTUAL FIRE INSURANCE CO.

Issue a Special
Farmers' Policy
There is none better.
See our Local Agent or write for his Address to—
CARSON & WILLIAMS BROS. LIMITED
UNION BANK BUILDING, WINNIPEG, MAN.

THE Weyburn Security Bank

Head Office: Weyburn, Sask.
FOURTEEN BRANCHES IN SASKATCHEWAN
A Western Banking Institution for Western People.
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MAKE YOUR OWN WILL

In your home. No lawyer's fees.
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Sent with full instructions and specimen will for 35c. Sold by all stationers and druggists (take no substitute) or post free from Bax Will Form Co., Dept. 171, 257 College Street, Toronto.

IT PAYS TO ADVERTISE
IN THE GUIDE

HAIL INSURANCE IN SASKATCHEWAN

The reports made to the superintendent of insurance by the hail insurance companies doing business in Saskatchewan show that the premiums for the year 1915 were more than three times the losses paid. Figures, with those for the preceding three years are as follows:—

	Premium	Losses Paid
1912	\$1,110,625.17	\$797,169.04
1913	783,194.42	485,305.79
1914	747,838.68	173,443.44
1915	1,359,374.24	427,610.36

These figures refer to stock companies only and do not include the business of the Municipal Hail Insurance commission, which received in premiums approximately \$850,000 and paid losses of approximately \$675,000. There are no mutual hail insurance companies operating in Saskatchewan. The stock companies' charge was 6½ per cent. for cash and 7½ per cent. when the premium was paid by note, with an additional charge in certain districts regarded as being specially liable to hail. The surpluses earned by the stock companies, from which of course all commissions and expenses of management have to be deducted, show that the companies are operating on a safe basis and should enable them to secure large reserves against a specially unfavorable year.

FORD MOTOR COMPANY OF CANADA

The stockholders of the Ford Motor Company, Limited, of Canada, have ratified the increasing of the capital from \$1,000,000 to \$10,000,000 and the distribution of 100 per cent. dividend. Each stockholder will receive seven shares of new stock for each share he now holds, making the outstanding capital of the company \$7,000,000.

The Canadian Ford Company was incorporated in 1904 with \$125,000 capital. The charter was under the laws of the province of Ontario. This charter was afterwards cancelled and a charter obtained under the laws of the Dominion of Canada, with a capital of \$1,000,000. The stockholders at that time received a stock dividend of eight for one.

Recently a syndicate composed of A. W. Wallace Company, H. W. Noble and Kissel, Kinnicutt and Company, of Detroit, purchased a large amount of Canadian Ford stock, including 500 shares that were held by John and Horace Dodge. This latter was purchased at \$1,500 a share. Some of this stock sold later at \$2,750 a share. It is understood that \$400 a share had been bid for the new stock, which is at the rate of \$2,800 for the old stock.

WILLYS-OVERLAND ABSORB RUSSELL MOTOR CO.

The Willys-Overland Automobile Co. of Toledo, which is building cars at Toronto for the Canadian trade, has acquired the plant of the Russell Motor Car Co. This will enable the Willys-Overland to use the Silent Knight motor, for which the Russell company had the Canadian rights.

TRUST COMPANIES AS EXECUTORS

When a will is already executed appointing executors or trustees, and the testator desires to substitute a trust company for the trustees named without changing the will in other respects, he may do so by adding a clause to his will in the form of a codicil, stating that the trust company is appointed trustee and executor in the place of the trustee and executors named therein. This must be signed by the testator in the presence of two witnesses, in the same way that the will is signed. Trust companies are usually willing to assist those who wish to secure their services as executors or trustees by drawing up a will in proper legal form according to the wishes of the testator. This, in most cases, will be done free of charge, and the will kept in a vault of the trust company until the time comes for it to be administered. It is wise, in making a will, to have two copies exactly similar in every respect and kept at different places, so that if one gets lost the other may be found. Where a trust company is appointed as executor, one could be kept by the trust company in its vault and the other by the testator with his other documents. The fact that the trust company has possession of the will does not in any way affect the right of the testator to cancel that will and make a new one. The last will is always the legal will.

Farmers' Financial Directory

THE CANADIAN BANK OF COMMERCE

SIR EDMUND WALKER, C.V.O., LL.D., D.O.L., President
JOHN AIRD, General Manager
H. V. F. JONES, Assistant General Manager
V. C. BROWN, Superintendent of Central Western Branches

CAPITAL \$15,000,000 RESERVE FUND \$13,500,000

FARMERS' BUSINESS

The Canadian Bank of Commerce extends to Farmers every facility for the transaction of their banking business, including the discount and collection of sales notes. Blank sales notes are supplied free of charge on application.

Our Motto: "ONE PRICE TO ALL - HONEST DEALING"

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We have a complete stock on hand, ensuring prompt shipment, for that Barn, Silo, School, Church, House, Well Curbing or Granary. If your requirements are not a carload, club together with your members.

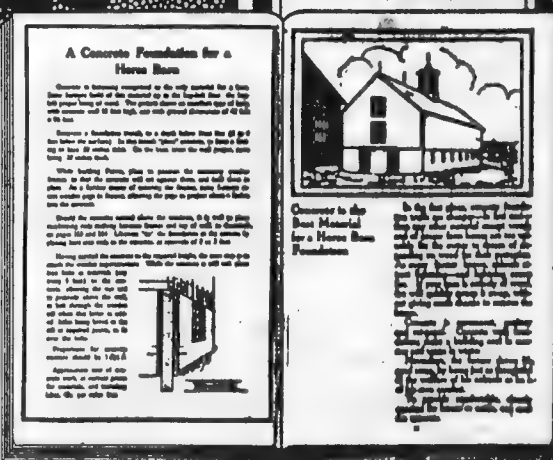
REMEMBER! We cater to particular people with our HIGH GRADE lumber. It costs no more. We will give you a delivered price on your bill of materials to any point.

Farmers Sawmill & Shingle Co.

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WHAT THE FARMER CAN DO WITH CONCRETE



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It contains 150 pages like those shown here—116 pages give practical instructions for improving your farm, explaining the most economical way to construct all kinds of buildings, walks, foundations, feeding-floors, walls, troughs, tanks, fence-posts, and 45 other things needed on every farm. There are 14 pages of information vital to every farmer who intends to build a silo. 22 pages show what concrete is; how to mix it; the tools needed; what kind of sand, stone and cement are best; how to make forms; how to place concrete; and reinforce it, etc., etc. In fact it tells everything necessary to know about the world's best and most economical building material—concrete.

This book is the recognized authority on farm improvements and has benefited 75,000 farmers. If you haven't a copy of this valuable book, one will be sent to you free. Fill in coupon and mail today.

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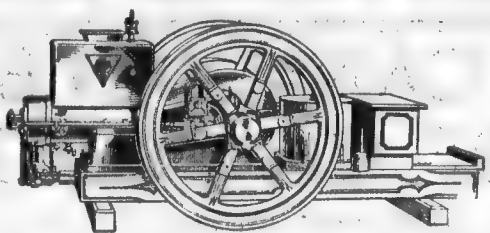
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776 Gentlemen:—Please send me a free copy of "What the Farmer can do with Concrete".

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Alpha Gas Engines

Do Any Work—Use All Oil Fuels

An engine that will do the work you want it to do; that will operate without being continually adjusted and tinkered with; that will burn any fuel you wish, is one of the greatest conveniences you can have on your farm.

Alpha Engines entirely measure up to these requirements in every respect. They start and run on a simple, low-speed magneto. There are no troublesome batteries to watch or fuss with, or wear out and frequently require renewing. Simply turn on the fuel, give the flywheel a turn, and the engine is good for a steady all-day run at any kind of work.

Eleven sizes, 2 to 28 horse-power. Each furnished in stationary, semi-portable, or portable style, and with either hopper or tank cooled cylinder.

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By GEORGE EDGAR STEVENS

This book contains all the quick ways of tanning, from twenty minutes to six weeks. It is not intended as a full and complete compendium of scientific principles, but gives all of the simplest methods that can be followed by an inexperienced person. Farmers' boys can tan cat, dog, wolf, badger and sheep skins, for making robes, mats and mittens for family and neighbors. Among the important subjects discussed are—

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A valuable little book that will be appreciated by industrious farmers who desire to make a little money during their spare time and utilize skins and furs that perhaps would otherwise be wasted. Postpaid. 25c

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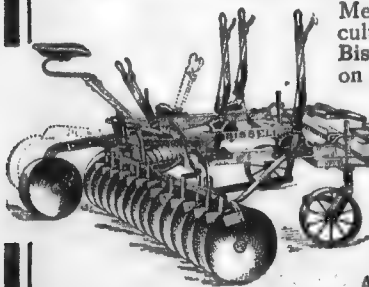
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To Work the Various Soils of the West Properly, You Want a

Bissell Disk Harrow



Measured by quality or by the amount of cultivating it will accomplish, the 28x16 Bissell Disk Harrow is far ahead of any other on the market.

This Disk covers 14 feet at one sweep—cuts, cultivates, pulverizes and properly turns the surface of the soil. It will penetrate as deep as required. For summer fallow work it is speedy and very satisfactory. Built with long poles or fore trucks as preferred.

A Trailer can be furnished for cutting out the centre strip when desired. The equipment is for six horses, and the draft is light for the first-class work it does. Gangs are in four sections and made flexible to conform to uneven ground.

DISK PLATES are the tried and proven special BISSELL shape. They reach well under, giving the soil a good turning over.

Write any of the John Deere Plow Co., Ltd. Branches, addressing Dept. "O"

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The Cattle Man's Survival

Continued from Page 7

profitable business, and a man did not have to stay up nights figuring out on which side of his books his balance would be. It became a rather different proposition when land rose in value to \$25 per acre. Farmers bought up the land around Collicut's ranch, and land which had been considered only good for growing hay or grazing herds of cattle produced good crops of wheat, oats and barley. Farmers sowed timothy, western rye grass and alfalfa, milked cows and kept thrifty hogs and poultry. As taxes and all other expenses rose the bonanza cattle business began to yield a decreasing margin of profit. It looked as tho Collicut would have to quit, but his faith in the cattle business was not easily shaken. The man who had handled his "big bunch" could not be content to go mixed farming on a small scale. Frank Collicut sat down to think it over and decided that if he was to stay in the cattle business the only way was to keep better cattle. He reasoned that a pure-bred animal would eat no more than a grade, but when the pure-bred calf was dropped it would be worth five times as much as the calf from the grade cow. Instead of being worth \$20 it would be worth \$100. He estimated that he could run 800 head of stock cattle on the ranch, but stock cattle worth \$50 per head, or \$40,000, were not good enough, in his opinion, to occupy \$150,000 worth of land. The stock cattle would cost to run, including expenses, taxes, insurance and buildings, without counting interest on the money invested, \$7,000, and if he cleared \$15 per head on them that would only represent \$5,000—or two and a half per cent. on an investment of \$190,000. By keeping pure-bred cattle—and the ranch would support about 700—he figured he could run them for an additional \$3,000 as compared with the cost of running 800 grades, and if he could turn off 200 young bulls every year at \$200 per head, that would leave \$30,000, or twelve and a half per cent. on an investment of \$250,000.

Secured Best Blood

Having decided to go in for pure-bred stock, it was not surprising that Mr. Collicut, being accustomed to handling range cattle, chose the breed which has been most identified with range conditions. In 1912 he started in the pure-bred Hereford business, purchasing 120 head of cows and 37 yearling heifers from the Baxter-Reid ranch, east of Olds, Alberta, the owners having decided to sell out. The foundation stock of the Baxter-Reid herd had been brought from England in 1903, and included some of the very best Hereford blood existing, coming from such herds as that of John Price, of Pembroke, one of the makers of the Hereford breed. The bull "Bostock," used by the Baxter-Reid ranch, was a direct descendant of three of the most noted sires in Hereford history, including "Longhorns" (2239), "The Grove 3rd" (2490), and "Lord Wilton" (4057). A number of the cows also traced back to these famous sires. Some of them are still in the herd. One of these, "Kenswick Laverder," had her eleventh calf last spring—the first two having been bull calves and the rest heifers. "Imported Ashleaf," now 13 years old, out of the herd of John Price, has an equally good record of seven heifers and four bull calves. The prolificacy of these imported cows continues in their descendants, and the number of calves raised every year on Collicut's ranch totals 87 per cent. of the herd of breeding cows and heifers.

In January, 1914, Mr. Collicut purchased 19 head of pure-bred Herefords at the sale of Simon Downie's herd. Mr. Downie had built up a splendid herd at the Elkhorn Stock Farm, Carstairs, Alberta, using as a foundation some of the best stock from the herds of those noted American breeders, W. T. McCray, of Kentland, Indiana, and W. H. Curtis, of Eminence, Kentucky. When Simon Downie sold his herd, Frank Collicut secured among the nineteen head purchased by him the splendid breeding bulls, "Beau Perfection 11th" and "Drumsticks," while among the cows was "Sally," mother of one of Mr. Collicut's present herd headers, "Fairfax Perfection," son of "Perfection Fair-



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fax 2nd." It was the "Perfection" and "Beau Donald" blood which made Mr. McCray's herd famous and which netted him some of the biggest prices ever paid for Herefords in America. It is a combination of this blood with that of "Longhorns," "Lord Wilton," "The Grove 3rd" and "Anxiety" in the Baxter-Reid importation from which Mr. Collicut is now producing the Herefords which are being keenly sought after by beef cattle men all over the West.

There are on Willow Springs Ranch today over 500 head of pure bred Herefords. It is the largest collection of pure-bred "white faces" in Canada, if not on the continent. Next spring there will be 260 head of cows and heifers two years old and upwards. With the remarkable fertility which the herd has demonstrated, Mr. Collicut is now in a position to develop his business to the point where he will soon have over 700 head of breeding stock, and be able to dispose of about 200 young bulls annually. Last year he sold forty head of two-year-old bulls and twenty-five yearlings for an average price of \$228 per head, and he was not able to supply half the demand. The cows and breeding heifers run on the range and are only taken in at calving. Their feed consists mainly of prairie hay, tho at the time of writing they had access to a field of green feed. Crushed salt, placed in troughs in the pasture, is kept before the stock at all times.

Promising Young Sires

Two large barns have been built within the past two years, each of which holds about fifty head of stock. These contain the young bulls, which are being fed hay and oat chop to keep them growing and developing. The barns are well equipped, and water from one of the fifty or more springs on the ranch is carried by its own gravity thru both barns. No finer sight could be desired by the lover of pure-bred cattle than to see the collection of young bulls at Willow Springs Ranch. They are a wonderfully even, well grown, thrifty lot of youngsters, most of them showing the same excellent qualities as their sires. They are thick-set, low down, strong and vigorous, with well developed frames of the type that hold the maximum amount of high-priced beef.

While Frank Collicut keeps only pure-bred stock at Willow Springs Ranch, he has a couple of steers, coming four years old, which demonstrate the beef-producing qualities of his stock. These steers have won championships for fat cattle at Edmonton and Calgary. One of them was weighed at the ranch on the occasion of the writer's visit, and scaled 2,275 pounds. After all, it is for the steers for which the breed is prized, and the successful breeder of Hereford cattle must keep this end in view. In the Imperial Bank, at Crossfield, is the head of a steer raised on the Willow Springs Ranch which weighed 1,610 pounds when only just over two years old and dressed out 66 per cent.

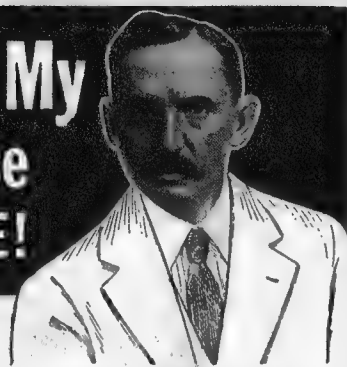
Among the young bulls the writer saw in the barns at Crossfield were five which had just been purchased by the Prince Rupert Cold Storage Co. for their ranch at Gleichen, Alta., where they have 5,000 head of cattle. They are not by any means all large ranchers who buy Willow Springs Herefords, however, many farmers who have a bunch of grade cattle finding it profitable to buy a pure-bred Hereford bull. Mr. Collicut looks for an increasing demand for well-bred beef bulls in the West as the market becomes more discriminating and the range between the price paid for "choice" and "common" steers widens. His faith in the Hereford has been justified, and instead of being forced out of business by the competition of the farmer, Frank Collicut is achieving marked success as a breeder of pure-bred beef cattle. Run on its present lines, the Willow Springs Ranch has an assured place in the future of the beef cattle industry in Western Canada.

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Fighting halter or bridle.	Striding.
Tender bit.	Hard to shoe.
Pulling on one rein.	Bad to groom.
Luging on the bit.	Breaking straps.
Lunging and plunging.	Refusing to hold back while going down hill.
Refusing to stand.	Scoring at dogs or dogs along the road.
Refusing to back.	Tail switchers.
Shying.	Lolling the tongue.
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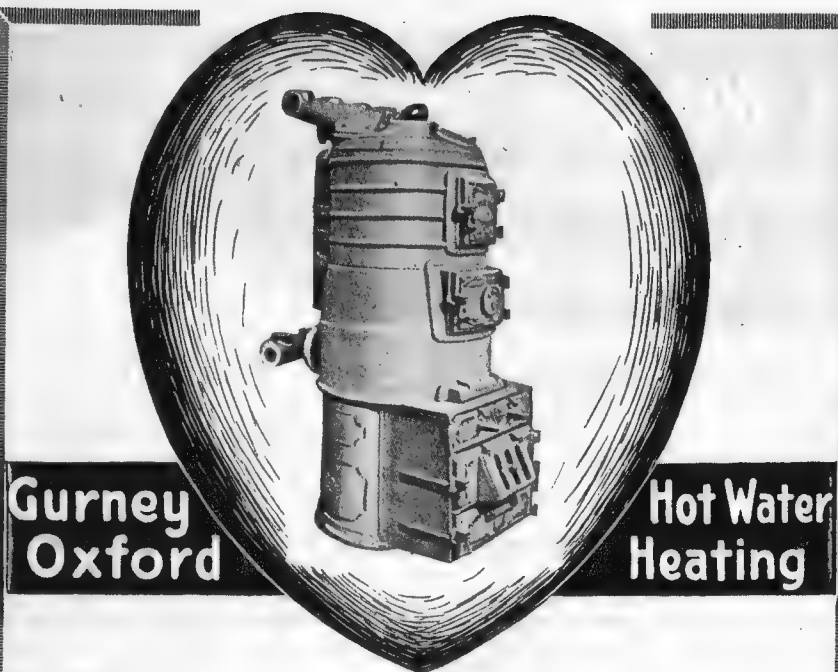
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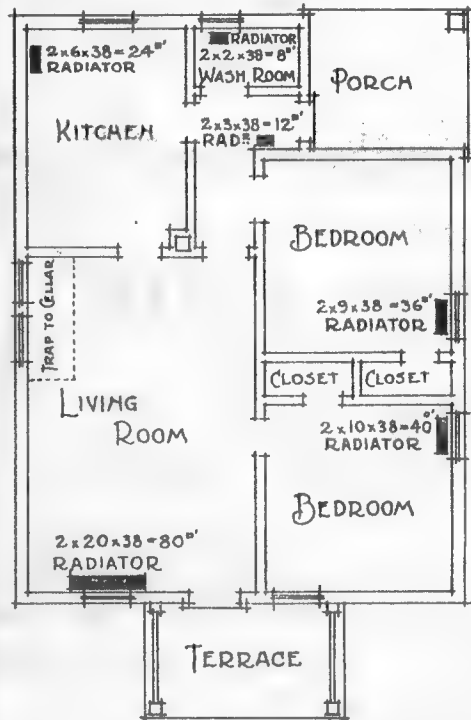
Anyone interested in raising and selling pure-bred poultry should have the above booklet, which has been prepared by The Guide. A copy will be sent free on application. Write for yours today. Address: THE GRAIN GROWERS' GUIDE, WINNIPEG, MAN.



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Guide House Plan No. 1

Shown Here

will make a snug, compact little home, if it gets the right kind of heat. We have had our experts show where Gurney-Oxford Radiators should be placed to give the best results.

These radiators are all connected with the Gurney-Oxford Hot Water Boiler and the hot water circulating through the pipes gives off an even, natural warmth that does not dry out the air.

The boiler is very easily looked after. It burns either coal or wood as you select. Nothing else will be needed to heat any part of the house. No "water system" is required as the few buckets of water put in the pipes and radiators in the fall last for many months.

The cost of the Gurney-Oxford Boiler, the pipes, valves, fittings and radiators needed for this plan is \$182 F.O.B. Winnipeg. For this sum the equipment can be bought of any reputable fitter. The freight and the simple work of installation will be moderate extras.

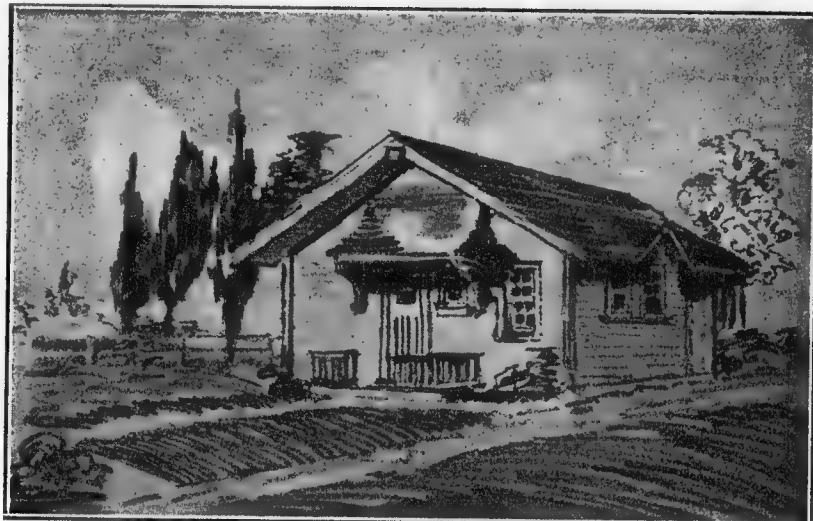
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Comfort in a Small Home

A House of Generous Accommodation for its Dimensions

The Guide House Plan No. 1, illustrated on this page, is the quaintest little bungalow imaginable, with more real solid comfort and convenience tucked in between its four walls than is sometimes found in a house twice the size and costing half as much again.

Over the front entrance there is a little hood for protection in stormy weather. From this front porch one enters the living room, which is large and capable of being made exceedingly attractive.

It has been cleverly managed so that all the rooms except the front bedroom open off the back hall, which in a farm house is the main hall.

The city house builder always objects to these plans on the score of the hall being at the back of the house, and when it is explained to him that the reason for its being placed there is that the back door is the one most generally used in the country, he wants to know why farmers don't train people to come in at the front door. That sounds like a city person, doesn't it?

The answer is that country people use the back door in winter for the same reason that city people cut across a corner lot, because it is human nature to follow the line of least resistance. The farmer himself keeps the road between the barn and the back door well beaten, whereas the front door is probably feet deep in snow and it would take continual shovelling to keep it clear. The custom thus established for a very excellent reason in the winter is continued in most places thru the summer. So it is felt that this back hall arrangement should fill a very real need in the farm home, and that it has done so is evident from the enthusiastic reception the houses planned by The Guide have met with from its readers. It makes it possible for the housewife to receive her guests without ushering them thru the kitchen, which even the best of housewives cannot always have in spic and span order.

Even in this small house there is a little wash room where the men of the house can leave their smocks and wash up without trailing the chaff and dust from the barn thru the house or getting in the housewife's way while she is taking up the dinner. It is in just these little things, which makes all the difference between

comfort and discomfort, that The Guide houses excel.

The Guide also has done one thing more that is unusual. It has assumed that houses with pleasing, interesting exteriors will be as much appreciated in the country as in the city, hence the very charming outlines of this little bungalow.

Architect's Description

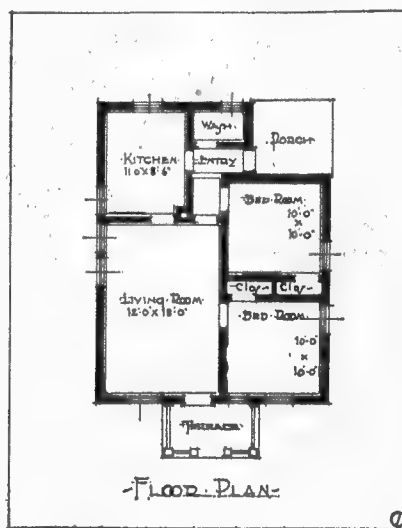
This is one of a small type of house fashioned after the Indian or California bungalow type in that it is all on one floor. It is as small and compact as is desirable for any farm house and can be built cheaply and simply enough to satisfy the most modest purse and the man who is anything of a mechanic can do most of the work himself.

The principal room of the house is the living or family room, 12 feet by 18 feet, from which gives off the principal bedroom. The kitchen is reached from the living room as well as from the entry, thus saving many steps for the house-

keeper. From the rear entry, which forms a connecting passage from the living room to the back of the house and the porch, a wash room is arranged sufficiently large to permit the storing of outdoor garments and boots without transgressing on the kitchen. Also a second bedroom, which is arranged that it can be used if desired for the hired help. The porch should be screened, as then it is to all intents a second and outdoor living room in summer protected from that curse of the prairie, the house-

fly and the mosquito. Build the house of wide six inch siding and wider if it can be obtained, in fact ten inch would not be too much; plain gables and open eaves and a shingle or metal roof. Stain the roof a soft moss green and the walls a rich tobacco brown and trim with a soft dull yellow. Use edge grain fir floor and plan for the ceilings to be about 8½ to 9 feet high. Plain lath and plaster finish and simple trim and all woodwork stained a soft dull gold. Heating, hot air, hot water or steam; and outside dimensions 24 feet by 31½ feet. The cost according to the locality from \$1,100 to \$1,400, and if the owner is ambitious the cost can be cut to \$1,000.

Stucco finish, while not included in the specifications for this house, may be substituted for siding.



WORKING DRAWINGS \$1.50

Complete working drawings for the construction of Guide House No. 1, together with complete bill of materials and instructions for building, will be mailed to any address for \$1.50.

FARM BUILDING DEPT., GRAIN GROWERS' GUIDE, WINNIPEG

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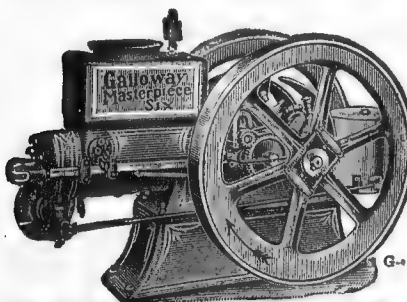


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Orders are pouring in for the New Masterpiece Six in a perfect stream. **Why?** Because we give **More Power For Less Money** than anybody in the engine business today. Remember our engines are not overrated nor high speeded, which means short life, but are rated by time-tried experts, not impractical college professors; have long stroke, large bore; heavy, and built for heavy, continuous, hard, satisfactory service. When you buy a horse you don't want a Shetland pony. You want power and plenty of it so that it won't lay down on the job.

Don't Get Fooled

By the kind of talk intended to sell you a light weight, small bore and short stroke, high speeded engine that will not stand up under the power strain demanded.

WILLIAM GALLOWAY CO., of Canada, Ltd.
Winnipeg, Manitoba

A Missouri School

Continued from Page 9

for the safety of the little children, and built in a commodious, good-looking book case with glass doors and locks, elevating this on a small double platform, which added seating space in case of a "full house."

The Mothers Helped

The mothers were deeply interested, and found numberless ways and means to help. Thru the energy of one good mother, a new teacher's desk and chair were provided; also two large hanging lamps, looking to the community gatherings of the future. A local merchant contributed an organ. A water system was installed in the basement; a Delphi school wagon was secured and run co-operatively; the school and teacher's cottage were connected with the community and Kirksville by telephone.

By Christmas, means had been found to cover the walls with a soft tan oatmeal paper, the ceiling with light paper; the woodwork was changed to golden brown; adjustable dark green shades made good lighting possible; an eight-day clock and thermometer were added to the equipment; the seats and desks had been repaired by the big boys and suitably placed for the business of the school; several good, well framed pictures had been loaned and now adorned the walls—all done without a dollar of expense to the district, at an astonishingly small investment of dollars and cents, each improvement costing thought and effort to provide, such efforts bringing people constantly together in constructive efforts for their children and their neighbors' children, these contacts making surprising revelations of fine character never suspected in their neighbors, and verifying the truth of the advice: "Get acquainted with your neighbor; you might like him."

The children of all ages learned the great lesson of co-operation from parents and teacher, and placed high value on the improvements, coming as they did, one by one, after much planning and sacrifice. Many a world struggle studied in the history classes was better understood because of the hard fight their parents and neighbors had to make constantly, in those first months, against ignorance and prejudice, and thus were seeds sown that in due time and with continued co-operation would insure this farm-owning community a wholesome social life, improved economic conditions, and cheerful firesides because of the presence of sons and daughters finding happiness and reasonable prosperity in developing family estates.

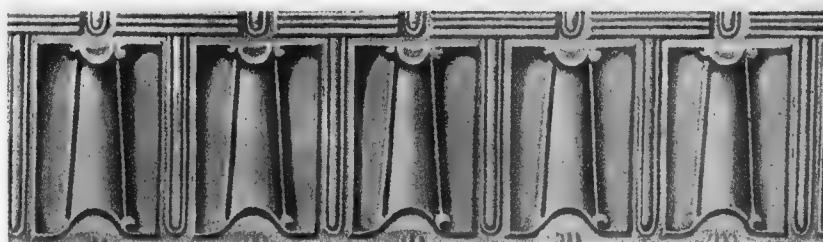
Improved Homes, Too

During the week of December 9, 1912, school was conducted at the cottage to give the men opportunity to put the finishing touches to the interior. On the following Monday morning, when the children returned, what delighted surprise was expressed on all sides! Seventeen-year-old boys said, "I never could have believed that the old house could ever look like this!" One young fellow asked: "Mrs. Harvey, how do you think that kind of wall paper would look in our dining room?"

As the convenience and comfort of furnace and water in the house came to be understood by the children, it was freely stated by them: "That's what we are going to have at our house as soon as we can; it would help mother a whole lot." And simple water systems were put into three homes the first year.

A simple Christmas program, with good, appropriate music by the children brought all parents to the school the afternoon of the twenty-fourth. There was an inexpensive little hand-made gift for each parent, and the "Not what we give, but what we share" spirit of Christmas was introduced into the neighborhood thought. This offered opportunity for the teacher to make clear some of her purposes and hopes for children and community, and consent was obtained from their parents for four boys, ranging in age from fourteen to seventeen years, to accompany her to the State College of Agriculture in town, and attend the annual state farmers' institute at individual expense, something less than \$10 each.

A community gathering was called shortly after their return in January,



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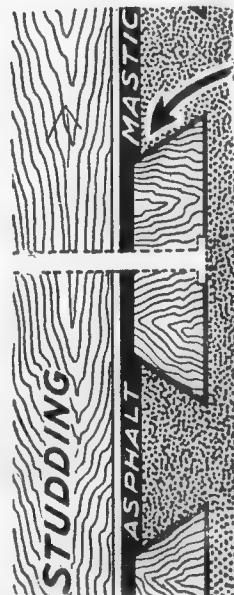
Let Us Figure With You

on the house shown on page 18. Stucco Board enough to cover the outside of the design will cost \$37.20. Lath Board enough for interior walls and partitions will cost \$102.13—both delivered anywhere east of Regina or Saskatoon. Prices on points farther west quoted on application.

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WINNIPEG - MAN.

and these boys were unexpectedly called upon to make reports. Parents and teacher alike were happily surprised in what had been learned and in their excellent reporting. All the younger children were deeply impressed with "the pioneers to the College of Agriculture," as they were now styled, all of which combined to make the next step towards bettering agricultural practices a possibility.

Agricultural Education

The next important step in making the school serve the agricultural interests of the community required considerable effort on the part of the teacher. It was necessary to persuade the college authorities that a rural school out in the open country was the logical centre for a branch short course in agriculture; it took persuasion also to induce a sufficient number of farmers to subscribe the fee of one dollar and promise to attend, for they were very dubious about "book farmers." The first short course in agriculture ever held at a one-room school in Missouri was held at the Porter School, November 3-8, 1913. Boys and girls above fifth grade rank were permitted to attend these lectures and demonstrations; younger children attended school at teacher's cottage with Miss Margaret Crecelius, former pupil of Mrs. Harvey's, now a college graduate, and her volunteer assistant, serving efficiently without pay.

Men and women attended in increasing numbers. The Farm Woman's Club of Porter community, organized October 14, 1913, served free an appetizing luncheon of meat sandwiches, cheese, pickles, and freshly baked pie, together with hot coffee and Jersey cream. Two hundred persons were reached that week. Thirteen persons attended the State Farmers' Institute in January, 1914, the party including fathers, mothers, teacher and students. Three boys returned with honors; one had won the gold medal for judging sheep over all boys attending; one won second place in judging draft horses; the third, second place in a corn contest. These boys were banqueted by the Kirksville Commercial Club; their achievement won more friends for the new kind of school and strengthened ties between the college and Porter community.

The School Farm

Next came a patriotic citizen who granted us the use of seven acres of good land adjoining the school property to be used as a school demonstration farm. This was platted and crop rotations planned for a term of five years, the farm to be worked co-operatively. A fruit plot with a young orchard of fifty trees, thirty grapes and other small fruits has already aroused interest in raising fruit for home use.

The younger children learned the first principles of agriculture thru the school garden adjoining the cottage. In spite of the handicap of working with tools borrowed from home when not in use, of beginning their work in a garden spot indifferently prepared, and of a distressingly dry season, the results won the respect and confidence of the most skeptical farmer before October, 1913.

Children worked in small groups directed by Miss Crecelius; they were called by telephone. They came on horseback in most instances, kept a record of their work and observations, and paved the way for good home gardens in future.

The special aim was to enable the younger children to establish a "green market" on every farm, near the kitchen door, so as to insure a varied diet for the farm family for as many months in the year as possible. Such flowers and vines were "tried out" at the cottage as would be effective without requiring too much care, because farm folks are so busy with pressing work.

Their cold frame, the regular mid-week visit to garden and school during the summer, when problems were discussed; the reading, writing, spelling and language lessons growing out of these experiences, to say nothing of their having gained a first hand knowledge of forty vegetables, twenty-six flowers, nineteen shrubs and eleven vines during the three years, is in itself an achievement under the circumstances. But this is not all. Mothers watched the new plants that found their way to the home gardens and cooked

and served these as suggested by the children; thus has an important end been attained.

The School Grows

The curriculum, greatly enriched, is adapted to the individual needs of that community without depriving the pupils of the joyous influences of music, art and literature. No "fads" are tolerated, but "a balance" of vocational and cultural subjects has been kept throughout. No "manual training" or "cooking," as generally understood, are taught.

In the three years not a credit mark, grade card, prize or penalty has been given. No artificial stimulus has been used. The enrollment has reached the forty mark; attendance and punctuality are high; absences occur only in case of grave necessity, in which cases explanations come over the phone often with a request that if possible a certain class lesson be postponed until their return.

There is a motive back of everything the child does, and he pursues his studies with the zest of a scientist. His letters, compositions and journals tell of the various activities, and require the use of words naming plants and insects, as well as those from literature and history. He notes the weather and import-



The school room as it was. Note the broken plastering, hanging wall paper, projecting flue and ill-arranged furniture

ant local and school events. Bean bags and individual towels were made by the younger group when needed. The boys who dug the 26x6x1 ft. pit and filled it with sand and sawdust for a mat under the horizontal bars were equally ready to sing a new piece of music or dramatize a good piece of literature.

Emphasis is placed on "reading," the kind that masters the mechanical difficulties early, and enables the child to interpret the printed page readily. It may be said that this school has returned to the "three R's," only here the first "R" makes inroads into history, geography, literature, science and all the rest.

Land Values Increased

The school has reacted satisfactorily on both the economic and social life of the community. Several farms sold during this period were bought to get this school's benefits. Land values have increased \$10 per acre. During the year 1914-1915, a calendar of social events was planned especially for the senior class, after a mutual understanding that its members would accept no other invitations without the teacher's approval, and would demonstrate by good school work the advantage of this plan, which more than justified the teacher's efforts.

The school house has become the clearing house of the community interests. Here meet the Farmers' Club, the Farm Woman's Club, the Poultry Club of twelve young children, an Audubon Society of twenty-three members, a Boys' Band of sixteen pieces, a three-day School of Home Economics, lectures, musical entertainment and a well chosen library of fifty books from the State Library commission will contribute to the social and economic needs of the community this winter of 1915-1916, all

made possible by a resident teacher and community having a common purpose and working in unison; and no one doubts the future of Porter community after meeting its children and hearing them say so understandingly and with such zest:

"I believe that the country which God made is more beautiful than the city which man made, and that life out of doors and in touch with nature is the natural life of man.

"I believe that work is work, wherever I find it, but that work with nature is more inspiring than work with the most intricate machinery.

"I believe that the dignity of labor depends not on what you do, but on how you do it; that opportunity comes to a boy in the country as often as it comes to a boy in the city; that life is freer, larger and happier on the farm than in town; that my success depends not on my dreams but upon what I actually do; not upon luck, but upon pluck.

"I believe in working while you work and in playing while you play, and in giving and demanding a square deal in every act of life."

THE PATRIOTIC ACRE

(A simple lay, by a simple farmer.)

Just a farmer out here in the West,
Toiling the long years thru;
Up early and late with seldom a rest,
Fighting along and doing my best
As most of us farmers do.

And far from easy the farming life,
As most of us farmers know;
Year in, year out, it's war to the knife
With weeds, and seeds, and insects rife,
Few friends but many a foe.

With weather vague as a woman's whim,
What could we be but poor,
For our hopes of success are oft times slim,
Spite of the words of the old time hymn,
Making seed time and harvest sure.

But our direst foes are the fellow men,
Who live off the farmer's toil,
And befool them with words of tongue
and pen,
Till they up and struggle on again;
Poor simple sons of the soil.

Robbed of the fruits of their labors
right along,
In the open light of day.
Sell, for the old proverbial song;
Buy, well they deem there is something
wrong,
When their bills they have to pay.

So they call for measures to set things right,
And commissions now and then
Tickle the monied men of might,
By deeply blurring the aching sight
Of the simple farming men.

And the Interests working hand in glove;
Bleed them a little more,
Let them live, but by the heavens above!
Their work shall be but a labor of love
Down to the smallest chore.

O! the land is good, if the laws were fair,
And equal favors shown.
If justice meted out the share
Of the working man, and the millionaire,
And the farmer received his own.

If those who were sent to our councils
high
Were true to the nations trust;
They would banish the old protection lie,
Tho the campaign funds should wilt
and die,
And the grafters bite the dust.

In honor, give us an honest deal
For your own, and our country's sake;
E'er the day dawn, when men shall feel
It were better to work for the common-
weal,
When the sleeping farmers wake.

Yet their hearts are sound, if their wits
are slow,
For when the call came loud and clear
For aid against the common foe;
Farmers' sons 'mongst the first to go;
We are Empire's children here.

For those that were left, as they followed
the plow
And thought of the blood to be shed;
Straightened their backs as they reasoned
how
They could give of their toil, and the
sweat of their brow,
That the fighting men be fed.

It is hard for us to make ends meet,
And we know the money lust
When we look at a wobbly balance sheet;
Still, we felt that our rest would be
more sweet,
If we stood by a cause so just.

Thus an acre of wheat it came to be,
What the poorest of us would give;
An acre of wheat the farmers' fee,
With the farmers' blessing on all things
free
And a prayer that our cause might live.

And the Lord hath granted a bounteous
year
To the simple farming men;
He hath bent His head, and inclined
His ear;
There never was such a harvest here,
And never may be again.

And the farmer thought to still further
the cause,
With the dollars that he could spare;
But the shipping combine made him
pause;
They had framed new economic laws
And the farmer wasn't there.

And the patriot sharks in the offing lay,
Patriots? by the Gods!
Let Empires fall, and want who may;
Nought counts but the cash that goes
their way;
Thus the acre shrunk by rods.

Still the farmer he hath done his best,
And he always gets that name;
But the carrion who feather their nest,
Whilst the life blood drips from the
Empire's breast,
May they sink to hell in shame.

ZOCHSIDE.

AIM OF AGRICULTURAL CLUBS

The principal objects to be attained thru the promotion of boys' agricultural clubs in the States to the south, as defined by those in charge of this work, are:—

1. To encourage and train boys along the lines of the activities of country life.
2. To put into practice the facts of scientific agriculture obtained from books, bulletins, etc.
3. To bring the school life of the boy into closer relationship to his home life.
4. To assist in the development of the spirit of co-operation in the family and in the community.
5. To dignify and magnify the vocation of the farmer by demonstrating the returns which may be secured from farming when it is properly conducted.
6. To enlarge the vision of the boy and to give him definite purposes at an important period in his life.
7. To furnish to the aggressive, progressive rural school-teacher an opportunity to vitalize the work of the school by correlating the teaching of agriculture with actual practice.

The aim of the boys' club work is the same as that among men—viz., to secure the adoption of better methods of farming and greater yields at less cost. Many of the boys in the clubs who begin to study agriculture in this way will continue the study in the agricultural colleges; others will continue such efforts on their farms, and all of them will make more useful and more efficient citizens. From the pleasant and profitable experience of owning and managing their small plots, they will develop into independent, intelligent farmers.

DOUBTFUL GIFTS

Canada, in a burst of loyalty, sent a million bags of flour to Great Britain. It was a doubtful gift, because the British Government was not accustomed to giving away flour or even to selling it. The flour has been a burden to them. Finally they sold the most of it and used the money for relief purposes.

The province of Ontario, in a similar burst of loyalty, contributed \$500,000 to the Dominion for the purchase of machine guns. Apparently this was a doubtful gift also, because it was not stipulated that these should be "extra" guns. The Militia Department had already ordered all the machine guns it needed, so Ontario's half million was thrown into the general fund.

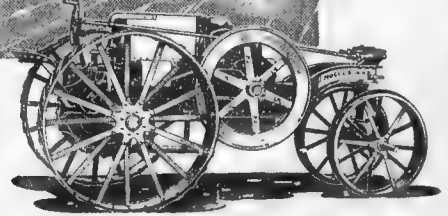
In these days of exceptional generosity and patriotism the heart is apt to take precedence over the brain. This is something which individuals and governments must watch closely.—Canadian Courier, Toronto.

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Mogul 8-16
Kerosene
Tractor

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AT
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EXPOSITION



THESE are the days of heavy horse power expense. The horses are idle. Hay and oats are worth so much it's a shame to use them for feed. It takes five acres of land to raise enough to feed one horse one year. Horses are at the top of the market, with prices higher than for years past. The market for horses is so good that, even at these higher prices, they are easy to sell. What better time could there be to consider replacing some of your horses with a Mogul 8-16 kerosene tractor?

You can use a Mogul 8-16 with profit for about all the work you are now doing with horses—the tractor does it better and cheaper. It takes less of your time to care for it. It increases the amount of land you make a profit from—five acres for every horse it replaces. It is the right size for most of your belt work. It burns any fuel oil—kerosene, naphtha, benzine, motor spirits, enabling you to use the cheapest fuel you can buy.

Why not plan to sell some of your horses now and save the winter feeding? Mogul 8-16 will take their place and do your spring work in time. Write today for our 100-page book, "Tractor Power vs. Horse Power," which we will send promptly if you'll only ask for it. Write us at the nearest branch house.

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The Knot That Locks the Bars



The Fence That Always Stays Put



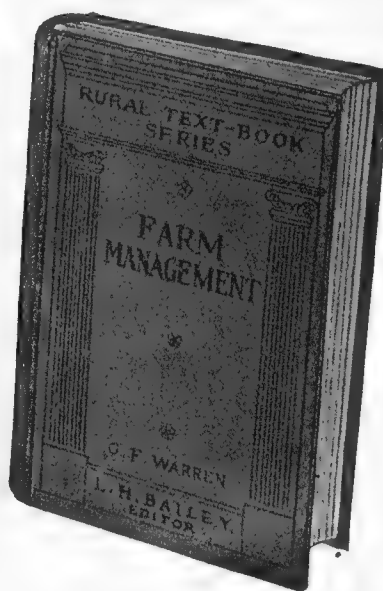
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Made of Open Hearth steel wire—heavily galvanized, in such a thorough manner that it will not flake, chip or peel off. The wires are tough, elastic and springy and will not snap or break under sudden shocks or quick atmospheric changes. The joints are securely held with the "Peerless Lock," which will successfully withstand shocks and strains and yet it can be erected on the most hilly and uneven ground without buckling, snapping or kinking. We also build a full line of poultry fence, ornamental fence and gates. Send for our literature. Mailed free on request.

THE DANWELL-HOXIE WIRE FENCE COMPANY, Ltd.
Winnipeg, Man., Hamilton, Ont.

Farm Management



This is a vital subject to every farmer who is anxious to make progress, provide himself with a better home, educate his children and enjoy some of the comforts of life. The book entitled "Farm Management," by G. F. Warren, is regarded by all authorities as the very best information on the subject of farm management that has yet been published. The author has made a life-long study of the success due to the proper management of farm business.

Probably seventy-five per cent. of the farmers in Western Canada are losing anywhere from \$100 to \$500 per year, according to the size of their farms, by not applying the best business methods to their work. How many farmers are able to tell how much money they are making out of their farm and which branch of their farming operations is paying the best returns? No matter whether a farmer is engaged in grain growing, livestock dairying or any other system of farming, he will find it dealt with in this book.

Perhaps the most valuable portion of the book is that showing farmers how to keep simple records and accounts. This matter is set forth so clearly that even the most ignorant farmer can take a notebook and pencil and work out a system of book-keeping that will show him whether he is making a profit or loss and which department pays him the best.

E. R. Halbritter, Trochu, Alta., a farmer who purchased this book from us, says:—"I find it a work of unusual excellence and merit; it is clear cut, direct and full of material needed by any up-to-date farmer who hopes to succeed to climb on to a green branch of Prosperity. Indeed this is a masterly treatment of the subject, and I confess that I would not do without it for ten times the price." It contains 600 pages, is printed in large type, well illustrated, fully indexed and handsomely bound. Postpaid. **\$1.90**

Feeds and Feeding By W. A. HENRY D.Sc., D.Agr.

Save Money on Feed by knowing the feeding value of each fodder crop

There are two essentials to the production of first class livestock. One is breeding and the other correct feeding. A first class animal may be well bred and yet not show to good advantage owing to improper feeding methods. J. D. McGregor, of Brandon, who two years in succession won the fat steer championship at the Chicago International, was able to fit these prize winning steers for show because he knew just exactly what feeds and the proper quantity of each should be fed to give the best results.

The standard work on this subject is "Feeds and Feeding," by W. A. Henry. The language of the book is simple, scientific terms being fully explained wherever used. Thruout, the object has been to present the findings of the laboratory, the feed lot and the stable bearing on the problems of stock feeding in simple language and few words.

The book is divided into three parts. Part one deals with plant growth and animal nutrition, nutrition studies, feeding standards and methods of calculating rations. Part two deals entirely with feeding stuffs and their relative value as heat and energy producers. The preparation of feeds is here dealt with as well as ensilage of fodders and the manual value of feeding stuffs. Part three deals directly with the feeding of farm animals. Under this heading is to be found investigations concerning the horse, feeds for the horse, feed and care of the horse, rationing, calf rearing, general problems in beef production, the dairy cow, station tests with pure bred dairy cows, care and management of sheep, management and feed of swine, as well as invaluable details relating to experiments which have been carried on by investigations in all parts of the world. A complete index makes it a simple matter to refer to any data required at a minute's notice. The book contains 613 pages. **\$2.25** Price postpaid.

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Book Dept., The Grain Growers' Guide, Winnipeg, Man.

Western Farmers' Parliaments For 1916

The Annual Conventions of the Organized Farmers
will be held as follows:

<p>Manitoba - Brandon, Jan. 5, 6, 7</p> <p>Alberta - Calgary, Jan. 18, 19, 20, 21</p> <p>Saskatchewan - Saskatoon, Feb. 15, 16, 17</p>	
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Breeds of Poultry

Continuing the discussion of the characteristics of the different breeds of poultry

By M. C. Herner, Professor of Poultry Husbandry
Manitoba Agricultural College

The general purpose breeds which seem to be best adapted for farm conditions are the Plymouth Rocks, Wyandottes, Rhode Island Reds and Orpingtons. These are all somewhat similar in their utility qualities and also in type. As far as egg production goes there is no best breed in this class. It is simply a question of strain or family.

In taking up a discussion of the merits of these breeds we should know a little of their history and development in order to understand certain peculiarities that occur from time to time. For example, we have in the Barred Rocks a natural tendency for the males to run light and "washed out" in color and the females to run dark, "smoky" and "blurred" instead of clear cut barring. This is due to the breeds used in making the Barred Rocks. Light Brahma, Black Java and Dominique blood were used to make this breed. It is understood that a Light Brahma male and Black Java female were used, hence the tendency to revert back to light males and dark females. The color pattern was obtained from the Dominique and later on intensified and fixed by the introduction of Silver Pencilled Hamburg blood.

Best Established Utility Breed

In type the Rocks may be described as being of fair length, depth and width, with fair length of leg, or as a blocky type of bird. They can be classed as one of our hardiest breeds, probably the oldest and best established of any of the utility breeds. They are vigorous, mature fairly early and are well adapted for this climate. They make good layers, good setters and good mothers and are well suited for almost all conditions. Weight of the cock birds is 9½ pounds, hens 7½ pounds, cockerels 8 pounds and pullets 6 pounds. These weights are known as the standard weights, but they are not an absolute necessity. As a rule the heavy layer is inclined to be underweight and also a little undersize, while heavier than standard weight birds usually are off in type or shape. Probably the strongest point in favor of the Barred Rocks is their economic meat producing qualities and their stability in going thru all sorts of conditions. For farm conditions probably no breed can fill the requirements better than the Barred Rocks. This variety is the best and the oldest and best established of all Rocks. The White Rocks are sports off the Barred.

The Wyandottes

The Wyandottes are also of American origin and the Silver Laced variety is the oldest in this breed. This variety was made up originally of Dark Brahma, Cochins and Hamburg blood. The White variety, a sport off the Silver Laced, is undoubtedly the most popular of all Wyandottes. This variety has gained more favor and prestige and was bred up to a higher state of perfection in a shorter time than any other single variety of any breed. Fifteen to twenty years ago they were just coming into prominence and today we find in this variety some of our most perfect specimens in chickendom.

In type the Wyandotte might be called a bird of curves or a ball-like bird. Looking at a high-class specimen from any direction we expect to see this rotundity. Wings should be curved, the breast full, plump and round and the back short. They are a little shorter in the leg than the Rock. The very type of a Wyandotte commends it as a quick maturing chicken. All short backed breeds will mature early and quickly, hence we find the Wyandotte a good breed for our country when the summer or growing season is comparatively short. Like many of our other breeds the Wyandottes have also their drawbacks, most pronounced of which is the apparent lack of vigor and vitality in the White variety when hatched and reared under artificial conditions. This is probably due to this special variety being perfected in such a remarkably short time by probably continued inbreeding. Practically all our White Wyandottes trace back to one of the three leading strains

of America. In the comparatively brief space of time in which this variety has been perfected they appear to have overlooked the importance of a rugged constitution. This will of course in time be remedied, but can only be done by years of selection and breeding. The statements in regard to this variety are based on personal experience, raising thousands of them on a commercial plant and also on college poultry plants.

The White is the most popular. Other varieties are the Silver and Golden Laced, Partridge, Buff, Columbian, Silver Pencilled and Black Wyandotte. All of them are hardy, vigorous and well adapted to the Western climate. They mature quickly, make good layers, setters and mothers and dress out exceptionally nice, neat, plump and well rounded carcasses. What may appear as a point in their favor is the rose comb, but often our rose combed breeds have larger wattles and what may be gained by having rose instead of single combs may be lost by large wattles, which when frozen are far worse than any frozen combs.

Rhode Island Reds

The Rhode Island Reds have been raised in the state of Rhode Island for over a century, but they never received recognition in the standard until about fourteen years ago. The farmers in that state raised and bred them any way at all and the result is that even today a flock of single combs may throw quite a few birds with rose combs or vice versa. It is very difficult to breed this tendency out entirely owing to the mixed breeding of this breed. Their original make up dates back to the Shanghai, Malay and Game breeds. In type the Reds are rather long in the back, somewhat narrow in the body, when compared with length of back, and rather upstanding altho they have very good depth of body. Both rose and single comb Reds are hardy and vigorous, good layers, setters and mothers. They are well adapted for this climate in that they mature fairly early, altho not quite as quickly as the Wyandottes. In weight the Reds and Wyandottes are the same with the exception of the pullets: Cocks 8½ pounds, cockerels 7½ pounds, hens 6½ pounds, Red pullets 5 pounds and Wyandottes 5½ pounds.

While the Reds are a high class utility or general purpose breed, still they have little peculiarities which should be bred out by breeders. Among these we notice that of the tendency not to make as good use of their food as some breeds might and often they are a little disappointing as feeders. As a rule by lengthening out the back of a chicken the cost of production is increased. The shorter backed Red somewhat off in type will usually make better gains than the one of good type. Often there will be a large number of birds in a flock that are inclined to be "leggy" even if fairly good type birds are used.

The Buff Orpington

The Orpington (Buff) is of English origin having Hamburg, Dorking and Cochins blood in its original make up. It is the heaviest of the general purpose breeds, the standard weight for cocks being 10 pounds, hens 8 pounds, cockerels 8½ pounds and pullets 7 pounds. Orpingtons are probably the most popular breed in their native land. They are rather long in body, deep and wide, with full breasts and broad backs and are quite low set. The buff variety is the most popular with the white second and black third. The Jubilee Orpington or Speckled Sussex is probably the oldest variety of this breed.

All Orpingtons are hardy and vigorous, but a little slower to mature than the other general purpose breeds. They are fairly good layers, exceptionally good setters, in fact some of them might almost be termed inveterate setters. They do very well in confinement and can be kept in a backyard to good advantage. An Orpington dresses out a somewhat rough and coarse carcass. They are always inclined to have a raw, prominent breast bone lacking somewhat in covering.



PROFESSOR HERNER

Farm Women's Clubs

NOTE.—Any woman in Saskatchewan who feels that she would like to have a Woman's Section of the Grain Growers' Association in her district, should communicate with the provincial secretary, Miss Erma Stocking, Delisle, Sask.
Any Alberta woman who would like a Woman's Section of the United Farmers in her district should write to Mrs. R. M. Barrett, Mirror, Alta., who is the women's provincial secretary for Alberta.

PLAYS WANTED

Dear Miss Stocking:—Will you kindly let me know where to obtain plays suitable for entertainment in the coming winter? We are going to try and be a little more sociable this winter, and I think we should practice what we preach about keeping the young people on the farm.

Can anyone beside a delegate go to the provincial convention? I would like very much to go, but would like a little more information on the subject.

Your little talks in The Guide have been a great help to us. Our nearest town is about thirty-eight miles from here, and we miss so many things socially that make things better and brighter, so reading what people say is the next best.

MRS. E. J. DEMAIN,
Pres., Demain W.S.G.G.A.

I am glad to be able to send you a catalog of plays suitable for amateur production, and will be pleased to mail copies to other clubs who may be interested in developing the latent talent in their community. We are delighted at your interest in the coming convention, and assure you that everyone is welcome. Only a delegate has voting privileges, but others will reap as great benefit from the addresses and business part of the meeting. —E.A.S.

A PROFITABLE CAKE

Dear Miss Stocking:—On Tuesday, November 23, the usual meeting of the Surbiton W.G.G.A. was devoted to raising funds for the Red Cross Society.

After an excellent fowl supper, served on tables tastefully decorated with the Red Cross and red and white chrysanthemums, an interesting program of vocal and instrumental music, arranged by Miss Grieve and Miss Hagerman, was given. It was evidently much appreciated as evidenced by the numerous and insistent recalls.

A very lovely two tier cake presented by Miss Mayo and appropriately decorated and surmounted by miniature Red Cross emblems realized over \$2.75 per pound for the good cause.

Mrs. James, president of the Bratton Association, who was present with most of her fellow members, brought candies to be sold. So many ladies and gentlemen outside of our Association helped us by bringing fowl, etc., by contributing pleasing items to our program and by their generous responses to our president's appeal on behalf of the Red Cross Society, that we were able to forward \$100.00 to the Regina Red Cross headquarters.

GRACE HALL,

Sec'y Surbiton W.G.G.A.

We appreciate the interesting report from Surbiton and are glad to learn of their success in so good a cause. We wish we knew the total weight of that valuable cake, but still more ardently do we wish that we had been so fortunate as to purchase a piece. The report should prove an inducement for other clubs to raise money for patriotic causes in the same way.

E. A. S.

READINGS INSTEAD OF PAPER

Dear Miss Stocking:—The Bratton W.G.G. held their last meeting on November 18 with Mrs. James, the president, in the chair. Correspondence was read which replied to our contribution of \$50.00 for a cot for the soldiers, which we had so anxiously been trying to raise. Fortunately the cots were all given, but we gave it to the general fund, hoping it will do some good and as useful a work. We extend our thanks to the boys of a threshing outfit who had a concert and helped us. After the business our subject for the afternoon was "Readings from Magazines or Papers which had Appealed to Us." I would like to hear of other clubs trying it as it was a complete success. The readings were grave and gay, but well chosen, as follows:—Old Fashioned Party, Mrs. Beattie; Complaining, Mrs. Gibson; Marriage, Mrs. Lett; German Made Goods, Mrs. Adkins; Social

Life on the Farm, Mrs. James. The last named article, I might say, was taken from the club page and was written by a member of one of the clubs.

We all enjoyed the meeting very much and were all the better for it. Perhaps we do not always keep to strict parliamentary rules, but we hope to make our club a useful one and we are endeavoring to make this little place a bright one in which to live.

Next meeting we have a debate, "Country Life versus Town Life." The pamphlet "How to Conduct a Meeting" is good, just what we needed. Comforts for the soldiers are being made. We raised the money by each member taking twenty-five cents and increasing it. We shall bring our work in the future to the meetings. Our hostesses were Mesdames Adkins, Brundige and Nicolson. Afternoon tea was served to the members. Over the tea cups arrangements were made for a supper and concert for the minister who attends here on Sundays.

The Bratton W.G.G.A. sends greetings to her sister clubs, wishing them a successful time in the coming year.

MRS. A. JAMES,
Pres. Bratton W.G.G.A.

We are pleased with the idea of a reading of interesting articles from magazines. It is certain of adding variety to the meetings. Bratton has done well in their patriotic work. We hope that the bread they have cast upon the waters will return with many fold increase.

E. A. S.

THE EDUCATIONAL SYSTEM

Dear Miss Stocking:—In regard to your request for my idea concerning the educational system in Saskatchewan, I should say that I should like to see some changes made in the manner that several subjects are taught.

I would first do away with so much home work. If the teacher cannot teach the child enough in the school hours when they are under his or her care, then something must be wrong with the teacher. Six hours daily with hard application to lessons is enough brain work for the child, and the time out of school should be devoted to manual work or some form of recreation. I know personally two children whose eyes are badly affected from over-study, occasioned by this everlasting home work.

What good does it do any child to have one hundred words to learn daily for spelling, when he does not know the meaning of them? What use are they? It does not enlarge the child's vocabulary. I would suggest, ten, fifteen or twenty words daily; have the child learn the definition of these words, and be able to construct sentences of his own using them.

In history, instead of giving so many pages to be committed to memory, I should cut the lesson shorter and have the pupils draw a map in connection with their history, placing in the map towns, rivers, etc., that are mentioned in their history lesson. Tracing the routes of armies or discovery parties, with dotted lines, and impressing upon the minds of the pupils the reasons why these armies did this or that should be a part of every lesson. I would go slower and more thoroughly, and in many cases teach in two years what is now crammed into one.

Too often pupils are taken from the sixth grade and placed in the eighth, skipping the seventh, thus necessitating cramming them. I do not believe in finishing pupils at the age of ten or twelve, just because they are naturally bright.

MRS. G. E. NOGGLE,
Director District 3.

We invite more correspondence upon the school question from our Women Grain Growers. There are few things outside of the home that are of more concern to the mother than the education of her child. The subject should be thoroughly discussed in club meetings.

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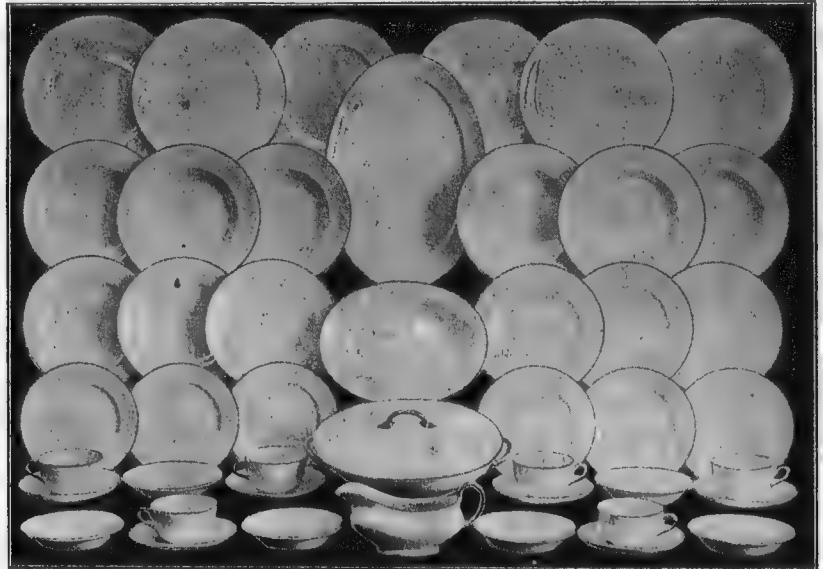
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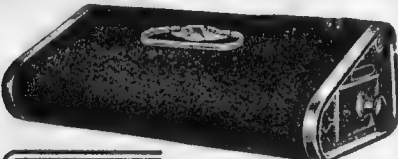
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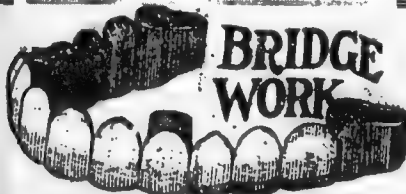
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Young Canada Club

BY DIXIE PATTON

LITTLE HIGHWAYMEN

In reading over the stories written by the little people for the last contest I could not help thinking how cruel small people can be without ever meaning to hurt things.

For example, more than one child told about finding little birds and rabbits in their nests and taking them home. They never stopped to think how terribly upset their own home would be if some great giant were to swoop down upon it and carry them off willy nilly. Poor mother, how she would weep, and what a heartache father would have.

They know all this very well, and yet they seem to forget that it is true also of bird homes and rabbit homes, and that every theft of theirs leaves a great sorrow behind it.

The most cruel thing of all is that nearly all these stories end the same way, with the death of the poor captive after a few days, weeks or months, as the case may be.

Indeed, our club members seem to be terrible highwaymen, going about in the summer time murdering and pillaging.

DIXIE PATTON.

AN EVENT OF YESTERDAY

Honorable Mention

When my mama was a girl of fifteen she and her younger sister, Grace, had three quarters of a mile to walk to school. About half a mile from mama's home there lived three boys called Charlie, Fred and Harry, who were thirteen, ten and seven years of age.

These boys had been living in town where they had only a few blocks to go to school and they were not dressed warmly enough for such a long, cold walk every morning.

They would come as far as mama's home and stop and get warm before going on with the girls.

It happened on an unusually cold morning in January, when the roads were drifted full of soft snow, that the children all started out for school together.

Harry, the youngest of them all, wore a pair of rubber boots, which were very unsuitable for such weather and made it hard for him to keep up with the others. He kept stumbling and at last Charlie, who was rather a mean, selfish boy, said he wouldn't wait for him any longer and then ran on ahead, calling back to mama as he went, "You'd better take Harry home, Nellie."

The rest of the children soon followed him, all except mama, she stayed behind helping Harry as best she could.

But he was cold and kept falling down in the snow, which made mama frightened, for she thought he would freeze to death.

She put her own scarf and mittens on him and tried to make him go on. But at last Harry said that he was too cold to go any further and lay down in the snow.

Then mama picked him up and walked on as fast as she could with the boy in her arms.

They were going across a field and mama thought if she should stop there was no knowing as to when anybody would find them, for their parents would think they were at school and the other children would think they were at home.

At last they came in sight of the school house, where the children were anxiously watching for them.

When they saw mama coming with Harry in her arms they ran out to meet her and took Harry from her just as she dropped down unconscious in the snow.

Their hands, feet and cheeks were slightly frozen, so the others rubbed them with snow and when they were warm Harry said he wanted to go home, and as mama was tired and frightened she said she wanted to go too.

So one of the older boys went over to Harry's home and told his parents what had happened. Then one of Harry's older brothers came and took both Harry and mama home in the cutter.

Every year after that, on the seventh of May, which was mama's birthday, Harry would come over with some little remembrance from his mother and himself.

WINNIFRED LEMON,

Mair, Sask. Age 12.

THE WOLF'S LAST VISIT

About a year ago, when my father was plowing, he saw a big wolf. Father had a little black dog with him, which was very much afraid of wolves. The wolf came up to the dog and began to play with him. When father came home for dinner the wolf followed him home. Then father caught it and made a little shed for it. He fed it every day. In the fall father let it out of the shed and it ran away. About a month after it came back and took one of our hens. This time it ran away and we never saw it after.

RUBY HAWKINS,

Summerberry, Sask. Age 11.

THE BLACKBIRD'S NEST

Last summer when I was picking strawberries up in the bluff, I found a little blackbird's nest in some branches that papa had cut down the year before. They got a nice little place in there to build their nest. It was woven with horse hair and sticks, and old dry grass. The mother bird laid her eggs in it. There were five speckled eggs in it. The eggs were speckled brown. They were nearly as big as a pigeon's egg. In three weeks they were hatched. They looked so funny with their eyes closed, and no feathers on them, but a few hairs. Every day I went up to see them, but the two old birds did not want me to go near their nest at all. They kept on scolding and scolding, and when I would start off home they would fly after me. I think that they thought they made me go away by scolding at me so long, and that they felt quite proud of themselves. The next time I went up to look at them they were gone. I do not know where they went. I will close now, with best wishes.

HAZEL MUNN,

Denholme, Sask. Age 11.

RABBIE

Last spring we had a little tame rabbit, about a month or so old. It was the cutest little pet I ever had. My brother brought it home one rainy day from the field when he was plowing. It was so tiny he carried it home in his overcoat pocket, and when he took it out at first we thought it was a live gopher, but when we found out it was a little bunny, how we did hug and pet it. We kept "Rabbie" in a box and fed him milk, cabbage leaves, lettuce and sweet-pea leaves. He was a little scared for four or five days, but soon got to feel at home.

We kept him in a little box about a foot and a half square, for a few days, then we made him another box with a screen front and a little door, so he could look out around him. After a while "Rabbie" got so tame he would wash himself in our laps and would lick our hands. We used to tie a long string around his neck and let him loose, so he could run about and eat what he chose.

We were able to keep him about a month, when one night I put him in a granary while I cleaned his box, and he ate too much flax and got sick, for there was some there. He was dead in the morning. We felt sorry for him, because he was so cute.

GRACE M. BARKE,

Bavelaw, Sask. Age 12.

A NARROW ESCAPE

There once was a boy and a girl who had a goat that would follow them wherever they went. One day they were enjoying themselves by throwing stones into the river when they saw a fox chasing the goat. The goat ran as fast as he could till he came over to the children. The boy thought he could scare the fox by making a noise like a dog barking, but he was so frightened that he could not make any noise. The goat ran over to the girl, and she picked it up and carried it home. Both the children were so frightened that they went home weeping, and after that day the poor goat was forced to stay at home when the children went out playing.

LILLIE SLIND,

Kingman, Alta. Age 15.

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The Country Cook

Tried and tested recipes will be welcome for this column. Recipes will be published, on request, for any dish. Address all correspondence, "The Country Cook, Grain Growers' Guide, Winnipeg."

Owing to lack of space The Country Cook was crowded out last week, so it is too late to publish the recipe menus that deserved honorable mention. We can only hope that the ones who sent such excellent menus this year will be among the prize winners next year.

Several contestants gave me permission to publish any recipes that might be of use to others, and I am very glad to do so, for many of them are very good indeed, and I know will make a welcome addition to our Homemade Cook-Books.

Mrs. J. N. W. asks for a recipe for carrot pie. The following are both reliable:—1 cup milk, 1 egg well beaten, $\frac{1}{2}$ cup sugar, 1 cup carrots grated or boiled and mashed, $\frac{1}{2}$ teaspoonful salt, a little nutmeg and cloves; $\frac{1}{2}$ teaspoon cinnamon, $\frac{1}{2}$ teaspoon ginger. This makes one large pie.

Carrot Pie No. 2

1 cup cooked carrots, mashed, $\frac{1}{2}$ cup sugar, 2 eggs, 2 tablespoonfuls molasses, 1 teaspoon cinnamon, $\frac{1}{2}$ teaspoon ginger. Molasses may be omitted.

Buttermilk Biscuits

1 quart of flour, 1 teaspoon soda, 3 teaspoons baking powder, 2 tablespoons lard or dripping. Mix with buttermilk as soft as can be handled, roll out and cut. Bake in a hot oven.

MRS. R. T.

Beet Salad

This is something new in the way of beet salad and would be very attractive moulded in cups or other small dishes and served as individual salads.

Beet Salad

1 pint pickled beets, cut in small pieces and cover with a cherry jelly powder dissolved in 1 pint of boiling water. After it sets well, turn into a salad bowl and put plenty of salad dressing around it. Sprinkle with chopped walnut meats.

Pumpkin Pie

1 egg, 1 cup pumpkin, 1 cup milk, $\frac{1}{2}$ cup brown sugar, salt, cinnamon and ginger to taste. Cook in slow oven.

MRS. C. E. Y.

Mince Meat

I wonder if any two people make mince meat alike? And now I am going to make a confession. I have never made my mince meat by recipe, that is I know, a slipshod way, and this year when a number of people (several of them had never made mince meat before) asked me how I made mine, I just had to make some and measure what went in. The following was the result: $1\frac{1}{2}$ lbs. of beef or beef heart simmered until tender and chopped fine, 3 lbs. apples chopped, 1 lb. suet, $1\frac{1}{2}$ lbs. raisins cut in two, 1 lb. currants, $\frac{1}{2}$ lb. dates, $\frac{1}{2}$ lb. candied peel put thru the chopper, $\frac{1}{2}$ lb. prunes, 1 tablespoon cinnamon, $\frac{1}{2}$ tablespoon cloves, $\frac{1}{2}$ tablespoon nutmeg or mace; 1 cup molasses boiled for two minutes, the rind and juice of one lemon and one orange, sugar to taste; about 4 or 5 cups of brown sugar, 1 tablespoon salt. Moisten with apple cider or fruit juice. I always put any left-over bits of preserved fruit or fruit juice in my mince meat. If this is kept in a cool place there is no need of cooking it before putting it in the pies.

A great many recipes for mince meat came in in the Christmas menus, and I am going to publish some of them.

Mince Meat

Boil 4 lbs. lean fresh beef till tender. When cold chop fine, add $4\frac{1}{2}$ lbs. apples, chopped, $\frac{1}{2}$ lb. suet, 1 lb. each of currants and raisins, $\frac{1}{2}$ lb. citron, 1 cup of molasses.

Put it over the fire with 3 lbs. brown sugar dissolved in a syrup, with water. While heating add spices as follows:—1 table spoon cloves, 1 of allspice, 1 of

ginger, 1 of ground mace, and 1 teaspoon salt. Add 1 nutmeg grated and the juice and rind of one lemon. Boil all together.

MRS. J. McK.

Mince Meat

1 lb. currants, 1 lb. seeded raisins, 1 lb. apples, $1\frac{1}{2}$ lbs. brown sugar, $\frac{1}{2}$ lb. beef suet, 1 small teaspoon of allspice, $\frac{1}{2}$ nutmeg, 2 lemons, and $\frac{1}{2}$ teaspoonful of salt. Chop apples, raisins, and currants fine and add juice of lemons and spices, sugar and suet. Let stand for 1 day before using. If not sweet enough add a little more sugar.

MRS. R. T.

Some very fine light desserts came in during the Christmas contest. Mrs. W. G. G. sent the following:

Palace Cream

Take a jelly powder, any desired flavor, melt it in rather less than a pint of hot water. Make a boiled custard with 2 eggs and 1 pint of milk, sweeten to taste and set aside to cool. Put a few cherries at the bottom of a mould and pour over them a little of the jelly and leave it to set. When jelly and custard are nearly cold, mix them together and beat. If you have chosen a red jelly powder add a few drops of cochineal to make the cream pretty pink. Pour the mixture into the mould and serve cold.

CANDY

Divinity Loaf

2-3 cup Cara corn syrup, 2-3 cup cold water, 2-3 cups sugar (granulated), 3 eggs (whites).

Boil syrup hard until it will snap, then pour syrup on beaten eggs; beat until stiff and almost cold. Add a cup of nuts. Stack on a greased plate in a loaf. Slice thin as you use it.

MRS. V. H. M.

Cream Fudge

2 cups of sugar, 1 cup cream, 1 teaspoon butter. Boil until it forms a soft ball in cold water, flavor with vanilla and add $\frac{1}{2}$ cup of nuts. Pour on buttered plates and mark into squares.

Butter Scotch

2 cups sugar, $\frac{1}{2}$ cup water, 2 dessert spoons butter, $\frac{1}{2}$ cup vinegar; boil until it becomes brittle in cold water. Pour onto buttered plates.

M. L. P.

Cocoanut Cream Candy

$1\frac{1}{2}$ cups sugar, $\frac{1}{2}$ cup milk, 2 level teaspoons butter, 1-3 cup shredded cocoanut, $\frac{1}{2}$ teaspoon vanilla. Put butter into granite saucepan; when melted add sugar and milk and stir until sugar is dissolved. Heat to boiling point and boil until it will form a soft ball when dropped in cold water. Take from the fire, add cocoanut and vanilla and beat until mixture begins to thicken and sugar slightly around the edge of the pan. Put in a buttered pan and mark in squares. Nuts may be used in place of the cocoanut.

Maple Parfait

Parfaits are ices made with whipped cream and frozen without turning the freezer. They are smooth in texture and very delicious. Take 2 eggs, beat until light, add $\frac{3}{4}$ of a cup of maple syrup and stir in a double boiler until it thickens slightly. Cool and add 1 cup of cream whipped stiff, a pinch of salt. Put in a pan and pack in salt and ice or put in snow; if the snow is very dry moisten slightly. This should be made about four hours before using. In making maple parfait it is advisable to stir occasionally during the first hour, so that any syrup that goes to the bottom may be mixed in.

Angel Parfait

This is also very delicious; candied cherries may be added if desired. 1 small cup sugar, $\frac{1}{2}$ cup water boil to the soft ball stage, and pour over the beaten whites of 2 eggs, beat until cool and add to 1 pint cream whipped, flavor with 1 teaspoon vanilla or $\frac{1}{2}$ teaspoon vanilla and $\frac{1}{2}$ teaspoon almond; pack in salt and ice for four or five hours; serve in custard cups or sherbet glasses with a candied cherry on top.

The Country Cook.

FISH! Right from Under the Ice

No. 1 White Fish . 6c.	Jack Fish 3c.
No. 2 White Fish . 4c.	Mullett 1 $\frac{1}{2}$ c.
Yellow Pike 5c.	Tullibee 3c.

Prices subject to change without notice.

SUPPLYING POINTS—The Pas, Mafeking, Winnipegosis, Amaranth, Delta, St. Laurent, Oak Point, Steep Rock, Mulvihill and Fairford.

At these prices will accept orders for any quantities for shipment in Canada only. Add ten cents per hundred pounds to cover cost of sacks, as this is the way we will ship unless otherwise specified. If fish are required in boxes add forty cents per hundred pounds. State whether shipment is to be made by freight or express. We will fill orders from the nearest point of shipment. Cash must accompany the order.

We Guarantee Quality and Prompt Shipments

The Armstrong Trading Company, Limited
PORTAGE LA PRAIRIE P.O. BOX 634

Lake Superior Silver Herring

Caught in Canada. Direct from Producer to Consumer

Have You Tried a Sack? If not, TRY ONE!

They are fine, also cheap, in fact, the best value you will get for your money in any line of food.

PRICES:

Fresh Caught Herring, 100 lb. sacks	\$.25
Fresh Salted Herring, 100 lb. kegs	3.50
We also quote you 9c per pound on Finnan Haddie in 15 and 30 lb. boxes. Haddie Fillets 15 lb. boxes each	\$.185
Get one of our Price Lists	Terms:—Cash to accompany Order.

REFERENCE:—BANK OF MONTREAL, PORT ARTHUR. Address all orders to—

The Dominion Fish Co. Limited
P. O. Box 516 PORT ARTHUR Ontario, Canada

A Mixed Farmer's Barn

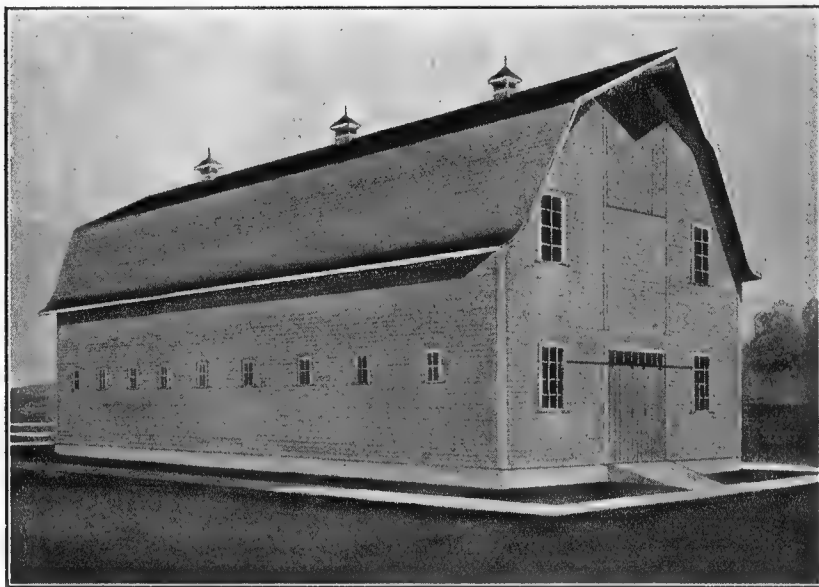
Guide Barn No. 1 is Suitable for the Average Western Farm

COST OF WORKING DRAWINGS

For any who desire to build this kind of barn complete working drawings have been prepared by a competent architect. These consist of ground plan, side and two end elevations and section showing framing. In this section studding has been drawn 16 inches on centres, as a good many farmers insist on building their barns in this way. The complete bill of materials supplied with the working drawings estimates studding at the standard 24 inches on centres. In addition there is a drawing giving details of the construction of cow and horse stalls, ventilation shafts and hay fork extension framing. This complete set of plans, from which any experienced carpenter can erect the barn exactly as described, can be obtained for \$1.50. Address all orders to Farm Buildings Dept., Grain Growers' Guide, Winnipeg.

This is the first of a series of four Western barns, plans of which will appear in the first issue of The Guide each month until completed. This week's barn is one designed to meet the needs of the mixed farmer on a half or three-quarter section farm who is in a position to put up a comfortable, general purpose barn. Individual requirements vary very considerably and the arrangement which will suit one farmer is often not at all acceptable to another. However, it is not necessary

so that any drip will be carried out into the passage way behind. Then above the flues are placed over, allowing more clear space for the hay fork or slings to work. The barn is floored thruout with concrete. The foundation is of concrete coming from eight inches to one foot above ground, depending upon the lay of the land. The plans call for nine feet clear to the floor joists and a sixteen foot five inch wall to the eaves. This can be altered as desired. The stable walls are made up of resawn

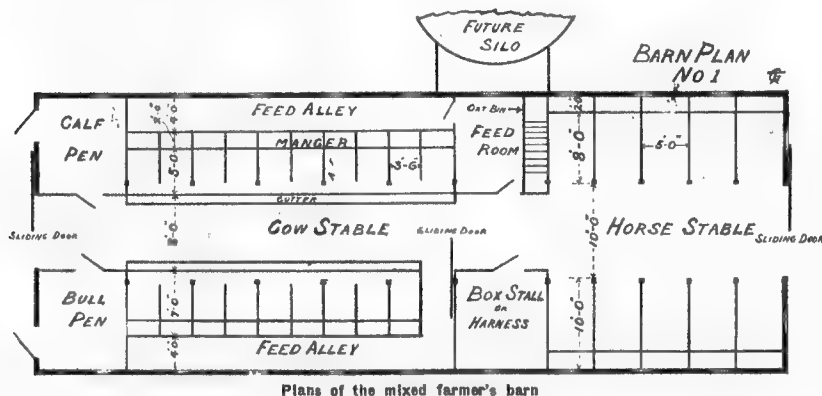


to adhere strictly to the layout suggested in this plan, minor alterations can be made as required. The barn is 80 feet by 30 feet. The layout provides for a horse and cattle barn, each part being separated by a partition. The horse stable provides accommodation for ten horses besides a box stall which can be used as a harness room. Opposite this is a feed room, with provision in it for a chute from the oat bin above on the loft floor.

The cattle stable has stall room for nineteen head of cattle besides a bull pen and a calf pen. The plan provides for a driveway right thru the length of the

boards outside the studs to the top of the joists, paper and fir drop siding outside. The inside is lined with fir shiplap to the top of the joists. Plank floors for the horse stalls are extras as also are hinge storm doors inside the sliding doors for winter use. Metallic shingles and corrugated iron for the roof can be used if desired and it is claimed by the manufacturers that this material can be put up about as cheaply as lumber and wood shingles.

Additions to the barn can be easily made when desired. An addition can be built on at any time, making an L shaped barn. A silo can be put up as



Plans of the mixed farmer's barn

barn, thus making as simple as possible the cleaning out problem. A slight alteration may be made in the end cow stall next the calf pen so as to make easy entrance into the feed alley from that end of the barn. The manger can be shortened eighteen inches to two feet, thus leaving enough room for a narrow passage way.

The Rutherford ventilation system has been provided. A feature of the outlet vents is that they are drawn back passing thru the stable ceiling to the loft floor above. The idea here is two-fold. The outlet openings in the stable roof are placed so that they will not be directly over the backs of the animals underneath

suggested in the plans. Before the framing is finished a gable can be put in on either side of the roof so that feed can be put into the loft or a straw blower turned in at threshing time. A water system can be easily installed, the tank being above or in the feed room and water piped to a trough outside in the passage way for the horses and to each individual cow stall.

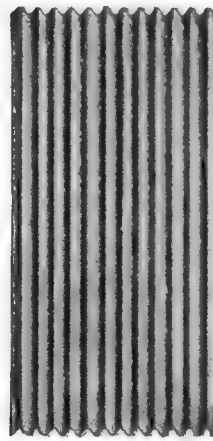
In the bill of material accompanying each set of working drawings the estimate has been made to include the cost of a litter carrier, stanchions and hay fork. The approximate cost of the barn will be \$1400.

WHY

a few farmers still use WOOD SHINGLES and pay out a lot of real money for lightning rods, TRYING to secure protection against a Barn's worst enemy—LIGHTNING!

BECAUSE

They don't realize that a CORRUGATED GALVANIZED ROOF can be put on cheaper and is Lightning-proof



It Saves

Two-thirds of the lumber and the labor of putting on that much lumber.

It Saves

Two-thirds of the time required to put on wood shingles.

It Saves

You against loss by Lightning without a cent spent for Lightning Rods.

It Saves

Every drop of Rain-water for you as pure as it falls from the clouds.

It Saves

You from ever having to purchase Another Roof for the same Building.

Don't Commit Yourself to buy lumber and wood shingles until you write us for an estimate. Tell us the size of the building—length of roof, and the rafters. IT ONLY COSTS YOU THE POSTAGE TO FIND OUT, and the information we give you is really worth having. WRITE NOW!

The Metallic Roofing Co. Limited

Manufacturers

797 Notre Dame Avenue

WINNIPEG



Grind Your Grain Before You Feed It!

The G.G.G. Grinder with an engine to drive it does not cost much—it's worth every cent you pay for it. Put up in three sizes with two sets of reversible plates with each grinder.

8 in. Size - \$28.20

10 in. Size - \$31.50

12 in. Size - \$41.50

These Grinders can be run with our Gasoline engines of 8 to 16 h.p. sizes. Every engine is carefully inspected before it leaves the factory. It is simple, strong and economical and carries our guarantee. Sizes from 1½ to 16 h.p. on skids or trucks. Prices from \$40.00 up.



DRILLS

Prepare now for swift and good work when Spring comes. Write us about Shoe, Single Disc or Double Disc Drills of any size.

PLOWS

Study Plows carefully before you buy a new one for 1916. Our's can't be beaten for light draft, good work or wearability.

Send your next car of grain to us. We'll look after it right.

The Grain Growers' Grain Co. Ltd.
Branches at REGINA, SASK. CALGARY, ALTA. PORT WILLIAM, ONT.
Winnipeg · Manitoba
Agency at NEW WESTMINSTER British Columbia

Farmers' Market Place

POULTRY

PURE BRED BROWN AND WHITE ROSE
Comb Leghorn Cockerels for sale, \$1.50 each.
Geo. Somerville, Medora, Man. 49-6

WHITE ROCK COCKERELS FOR SALE.
A. Kerr, Clearwater, Man. 51-3

PURE BRED WHITE WYANDOTTE COCKERELS, \$1.25 each. Mrs. Alpheus Millhaem, Warner, Alta. 51-6

SINGLE COMB WHITE LEGHORNS, UTILITY and show birds; great winter layers; first prize winners at Winnipeg, Brandon, Regina and Moose Jaw. Satisfaction guaranteed. Mating list free. J. J. Funk, Winkler, Man. 51-4

BRONZE TURKEYS AND BARRED ROCKS for sale; large well marked birds from my winners. A. C. Munro, Plumas, Man. 51-4

MAMMOTH BRONZE TURKEYS—TOMS, \$4.00; hens, \$2.50. Barred Rock cockerels, \$1.50; hens, 75 cents. All pure bred. Selling cheap to make room. Mrs. Malcolm Nicolson, Semans, Sask. 52-2

MAMMOTH BRONZE TURKEYS—CHOICE birds. Few spring toms \$5.00. Florence Graham, Melita, Man. 52-2

UPHILL STOCK FARM HAS FOR SALE THE following pure bred birds:—Toulouse Geese, \$3.00 each; Pekin Ducks, \$1.50 each, pairs and trios not akin; R. C. Rhode Island Red and S. C. Black Minorca Cockerels, \$2.00 each; S. C. Brown Leghorn Cockerels, \$1.50 each. John Strachan, Pope, Man.

FOR SALE—PURE BRED S. C. WHITE LEG-horn Cockerels, also a few Hens. Frank H. Sylvester, Carman, Man. 1-3

FOR SALE—WHITE ROCK COCKERELS, \$1.50 each. Eggs in season, \$1.50 per setting. Geo. Grant, Storthoaks, Sask. 1-14

FREE TO STOCKMEN AND POULTRYMEN—Our 80 page illustrated booklet on feeding; how to construct a house which will accommodate 100 hens; gives dimensions and measurements of every piece of lumber required. Deals with the common diseases of stock and poultry and the remedies. Tells how to cure roup in four days. Contains full information about Royal Purple Stock and Poultry Foods and Remedies. The W. A. Jenkins Mfg. Co., London, Canada. 1-4

AUCTIONEERS

W. H. ENGLISH, HARDING, MAN.—LIVE-stock Auctioneer of all breeds. Write early for dates; have a wide acquaintance among breeders in Manitoba, Saskatchewan and Alberta; well posted on the livestock situation

OSTEOPATHIC PHYSICIANS

Drs. RAFFENBUG & RAFFENBUG, NERVOUS diseases. Regina and Weyburn, Sask. 47-8

CONDUCTED FOR THOSE WHO
WANT TO BUY, SELL, OR EXCHANGE

RATES ON CLASSIFIED ADVERTISING

4c Per Word—Per Week

Address all letters to The Grain Growers' Guide, Winnipeg, Man.

Count each initial as a full word, also count each set of four figures as a full word, as for example: "T. B. White has 2,100 acres for sale" contains eight words. Be sure and sign your name and address. Do not have any answers come to The Guide. The name and address must be counted as part of the ad. and paid for at the same rate. All advertisements must be classified under the heading which applies mostly closely to the article advertised. No display type or display lines will be allowed in classified ads. All orders for classified advertising must be accompanied by cash. No orders will be accepted for less than fifty cents. Advertisements for this page must reach us seven days in advance of publication day, which is every Wednesday. Orders for cancellation must also reach us seven days in advance.

FARM LANDS

320 ACRES—WEST HALF OF LOT 31, VIRDEN district; 250 acres broke, 50 acres fall plowed. Will accept first reasonable offer. Write Edward Blaquier, Port Arthur, Ont., owner. 52-3

WANTED TO RENT SECTION OF LAND ON third or half crop plan. Reply to Progress, Estevan, Sask. 52-2

SELL OR EXCHANGE FOR LIVESTOCK—Unimproved 26-37-26 W. 1st.—R. R. Danard Minotnas, Man. 1-4

NEAR VICTORIA, ON VANCOUVER ISLAND, orchard and home, beautifully situated, an ideal spot. Ten acres in all. Nine roomed house. For particulars write Box 1429, Calgary.

HALF SECTION GOOD WHEAT LAND, Battleford district, for sale or will exchange for steam threshing outfit. Apply giving particulars to Box 74, Esterhazy, Sask.

PATENTS AND LEGAL

FETHERSTONHAUGH & CO., PATENT SOLIC-itors—The Old Established Firm. Head Office: Royal Bank Building, Toronto, and 5 Elgin St., Ottawa, and other principal cities. 7tf

P. A. MACDONALD, BARRISTER, 10 BANK OF Hamilton Chambers. Winnipeg. 46tf

C. L. ST. JOHN, BARRISTER, ETC., MINNE-dosa, Man. 53tf

ERNEST LAYCOCK, B.A., LL.B., BARRISTER and Solicitor. Wilkie, Sask. 1-4

BONNAR, TRUEMAN, HOLLANDS & ROBIN-son, Barristers, etc.—R. A. Bonnar, K.C.; W. H. Trueman, LL.B.; Ward Hollands; T. W. Robinson, LL.B. Offices 503-504 Winnipeg Electric Railway Building, Winnipeg. P.O. Box 158. Telephone Garry 4783.

SEED GRAIN AND GRASSES

WANTED—OATS, SIX-ROWED BARLEY, Spring Rye for Seed. Send samples and prices to D. Alexander, Post Office Box 3066, Winnipeg, Man. 51-4

REGISTERED MARQUIS SEED WHEAT—WE are now booking orders for our splendid stock of Registered Marquis Wheat. Grown on our own farms and sold only in bags sealed by the Canadian Seed Growers' Association. Prices on application. State quantity required. Angus Mackay Farm Seed Co., Indian Head, Sask. 52-3

BROME GRASS SEED FOR SALE—12 CENTS per lb., sacks included. Cash with order. J. E. Brinkworth, Baldur, Man. 1-6

GOOD CLEAN BANNER OATS FOR SALE IN carload lots. Same taken first prize at local seed fair the last three years. For prices write to G. E. Trowell, Saltcoats, Sask. 1-3

RECLEANED SEED OATS—NO NOXIOUS seeds, high germination. Sixty Day or Orloff, Gold Rain, Victory, ten bushels or less, 70c.; over ten, 65c. Great French Liso (no better variety), 65c.; Garton 22, 55c. These two also cylinder cleaned, eliminating small oats. All including sacks. One-third cash with order, balance by February 15 or forfeit. Frank Houser, Wilkie, Sask. 1-4

PURE MARQUIS WHEAT—SEAGER WHEEL-er's strain. Registered seed inspected, sacked and sealed by Government Inspector. Certificate of registration given with every sack. Price \$1.50 bushel. New Seager oats, best for yield and quality, try them, 70 cents bushel, sacks free. Eureka Pedigreed Seed Farm, Melita, Man. 1-4

CLEAN SEEDS—BIG, STRONG, PEDIGREED farm seeds with money back guarantee. Specially grown, guaranteed vegetable seed at half usual prices. Illustrated catalog free. Harris McFayden Company, Farm Seed Specialists, Winnipeg. 1-14

CATTLE

ABERDEEN ANGUS CATTLE—CHAS. ELLETT. "Sandy Lake," South Edmonton P.O., Alta.

FOR SALE—ONE REGISTERED HOLSTEIN Bull, 5 years old. J. Quinsey, Nobleford, Alta.

FARM STOCK FOR SALE

F. COLBURN, GULL LAKE, SASK.—BREEDER of shorthorn cattle and Berkshire swine. Stock for sale.

LUMBER, FENCE POSTS, ETC.

FARMERS—WRITE FOR PRICES ON CEDAR fence, corral and gate posts and telephone poles. F. J. Bosaley, Solsqua, B.C. 2tf

LUMBER—FOR GRANARIES, BARNS AND Farm Buildings. Get our Catalogue and Price List now. 2 x 4, 2 x 6, 2 x 8, No. 1 Com. \$19.00; 1 x 6 No. 1 Shiplap, \$20.00; XXX Shingles, \$2.80; good No. 2 Boards, \$17.00; 11 six Doors at \$1.75 each. Our catalogue gives prices on a great variety of windows, doors, paints, hardware and other material. Get Storm Sash and Doors Now. They save fuel. A. B. Cushing Lumber Co. Ltd., Calgary, Alta. 41tf

WRITE FOR PRICES ON POPLAR, TAMARAC and spruce cordwood; tamarac and cedar fence posts; hard and soft coal, and lime, in carlots. Teulon Wood Co., Teulon, Man. 44-10

FOR SALE—WOOD, GOOD, SOUND, DRY round wood in 16 ft. lengths in Jack Pine, Tamarac and Poplar, at \$2.75 per cord f.o.b. cars Edmonton; about 20 cords loaded on a car. We have low freight rates on wood to prairie points in Alberta and Saskatchewan. Can make prompt shipments. Send us your orders. Address—Enterprise Lumber Co., 215 Alexandra Block, Edmonton, Alta. 47-tf

FOR SALE—FIRE KILLED WHITE POPLAR wood on cars, \$2.25 per cord. Cash with order. Secretary, Local G. G. Association, Amarant, Man. 51-3

WANTED—PRICES ON WIRE, POSTS AND lumber; car lots. A. Rankin, Keppel, Sask.

RED TAMARAC FENCE POSTS (GREEN)—Sizes 3-4 inch, 4-5 inch, 5-6 inch, any length. Exceptional low prices for carload. Write Millard, 510 McGreevy Block, Winnipeg. 52-4

FENCE POSTS—CEDAR POSTS AND FENCE wire at lowest prices. We have our own timber limits and can give you best value for your money. LUMBER—Farmers, when in want of lumber or other building material send us your inquiries. For quality, prices and general satisfaction we are not excelled. We have handled hundreds of cars to the best of satisfaction of our customers. FARMERS' SUPPLIES such as Sugar, Salt, Portland Cement, Fence Wire and Nails we handle large quantities in full carload lots. We specialize on these lines and therefore excel, and you will make a mistake not to get our prices before ordering elsewhere. McCollom Lumber & Supply Co., Merchants Bank, Winnipeg, Man. 51-tf

*To get attention now-a-days
On anything he'd sell,
A man don't want to hide his
light
Or whisper down a well.*

A farmer with anything to sell, whether it be livestock, poultry, seed grain, etc., may dispose of part of it locally. His profit, however, lies in his being able to sell all of his goods at a reasonable margin. To do this he usually has to go outside of his own neighborhood. This is what the Farmers' Market Place is for. It enables a man to get the attention of prospective buyers over the whole country. Here is an example: A. E. Moore, of Regal Farms, had four Poland China Hogs for sale at \$25.00 each. He put two ads. in the Farmers' Market Place in December at a total cost of \$2.16 and was sold out inside of three weeks.

Live Stock

My sales have been very satisfactory again this year. About 40 shorthorns have been sold and my two-year-old Clyde stallion.—J. Bousfield, MacGregor, Man.

We had a good number of inquiries as a result of our advertisement in The Guide.—McGill Bros., Buncloody, Man.

I received extremely satisfactory results from the advertisement that I had the past winter in The Guide, in fact more replies than I ever received previously from advertising in any paper for the same length of time.—F. J. Collyer, Welwyn, Sask.

If The Guide could produce such results for these advertisers it can do it for you. It is in a better position to do it this spring than it was last. Its circulation is larger and its Farmers' Market Place, with each succeeding month, has become better and better established. Having carried more of this class of advertising than the other farm papers, the farmers of Western Canada have earned to look to it as the leading authority on Want, Sale and Exchange items.

MAKING MORE MONEY

*He'll get results far quicker,
And he'll gather in more
dollars
If he builds a great big fire
Or climbs a tree and hollers.*

At a cost of only 4 cents per word an advertiser in the Farmers' Market Place of The Guide has his advertisement placed in the homes of over 34,000 farmers in Western Canada—approximately every third English speaking farm home in this field. This is a larger circulation than can be given by any other farm paper. Last spring The Guide carried more classified advertising than any other farm paper in Western Canada. Here are some of the testimonials we received from those who used space on this page at that time:—

Seed Grain

In the issue of February 10, I advertised seed barley. It was a small ad. costing me 50 cents, but I got 11 inquiries at once, four of them wanting a carload each.—Lawrence McAree, McAuley, Man.

I was well satisfied with advertising in The Guide. I sold all I had and got inquiries for about 50 bushels more which I could not fill.—A. E. Browning, Oxdrift, Ont.

A little card I ran in two successive issues of your paper brought me excellent results. It helped me sell a carload of seed oats for which I received \$1,156.25.—J. E. Gustus, Calgary, Alta.

If you have anything for sale it will pay you to put an advertisement in the Farmers' Market Place for a few weeks. Advertising rates and full particulars are given at the top of this page. Send it in now accompanied by the amount for the number of times you wish it run and get in touch with hundreds of purchasers for every one you can sell without advertising.

Poultry

I inserted my ad. in one issue of your paper. It cost me a little over \$1.00. and by the time we had received the issue had goodly number of inquiries. Have sold between two and three hundred chicks and about ten hens from this ad. alone.—Mrs. C. L. Tutt, Rouleau, Sask.

I have had very satisfactory results from advertising in The Guide.—W. S. Muir, Saltcoats, Sask.

My advertisement in your paper has given fair results. I did not keep track of just how many sales I made three it, but would say about 250 baby chicks.—Robt. Wilson, Eboune, B. C.

ADDRESS: GRAIN GROWERS' GUIDE, WINNIPEG

SWINE

IMPROVED YORKSHIRES — FROM PRIZE winning and imported stock; also Shorthorn cattle. A. D. McDonald and Son, Sunnyside Stock Farm, Napinka, Man. 7ti

REGISTERED BERKSHIRE SPRING SOWS and Hogs for sale. Prices reasonable. J. K. McLennan, Gladstone, Man. 47-4

DUROC JERSEY AND POLAND CHINA SWINE, all ages. J. J. Kerr, Goodwater, Sask. 52-4

CLOVER LODGE BERKSHIRES—BOARS FIT for service and sows bred to champion boar "Alona Senator." Stock of all ages for sale. Steve C. Swift, Viking, Alta. 52-9

EQUITY FARM YORKSHIRES—BOTH SEXES, fit for service, fifteen and twenty dollars. C. M. Brownridge & Sons, Browning, Sask. 49-5

CHOICE IMPROVED BERKSHIRE AND YORKSHIRE Sows in farrow. Sutter Bros., Redvers, Sask. 1-8

FOR SALE—REGISTERED POLAND CHINA Boars, big type, fit for any show ring, ready for service, pedigree free. Prices reasonable. W. J. Ferris, Sperling, Man.

HORSES AND PONIES

U. A. WALKER AND SONS, CARNEGIE, MAN.—Importers and breeders of Clydesdale Stallions, in-foal Mares and Fillies for sale.

I HAVE ALWAYS ON HAND A GOOD SELECTION of farm mares and geldings. If you are in want of a load, wire or write me. Have also on hand a lot of good stallions for sale or trade. Sales every Thursday. J. W. Durno, Auctioneer, Calgary Sales Repository, 106 5th Ave. E., Calgary. 11tf

PURE BRED PERCHERON HORSE—WEIGHT 2000 pounds; good pedigree. James Gilbert, Dominion City, Man. 51-4

McOPA FARM PERCHERONS AT ROCK bottom prices. W. R. Barker, Deloraine, Man.

FOR SALE—PERCHERON STALLIONS, Fillies and mares in foal. Durham bulls. Wm. Ledingham, Brandon, R. R. No. 5, Man. 1-4

MISCELLANEOUS

SAFES—ALL SIZES NEW AND SECOND-hand. Safe Cabinets, Cash Registers. Low prices; easy terms. Write for catalogue. Winnipeg Safe Works, Limited, 50 Princess St., Winnipeg.

VALLEY RIVER NURSERY OFFERS FOR SALE Hardy-without-protection Raspberries: "Miller," "Sunbeam," \$3.00 per 100. "Dakota" Strawberries, only \$2.00 per 100 postpaid. Sixfoot "Siberian," "Transcendent" Crabs, 75c. Full line of Fruits, Ornamentals, Perennials. W. J. Boushen, Valley River, Man. 50-tf

STEAM AND DOMESTIC COAL—SCREENED lump on cars at Tofted \$1.90 per ton. Tofted Coal Company, Limited 38tf

FUNDS TO LOAN ON FARM LANDS. 26 Steele Block, Winnipeg.

THE BRIGGS TANNERY, CALGARY, ALTA. Fur and hide dressers, makers of coats and robes. Harness leather for sale. Hides bought. 1-4

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WINNIPEG

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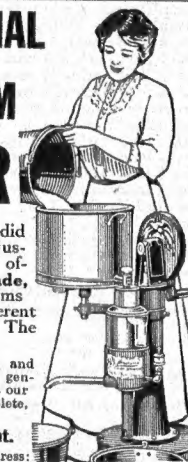
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We want some, and are buying continuously any grade. If you cannot get box cars, wire, phone or write us and we will supply sacks to ship in stock cars. Market prices date of inspection.

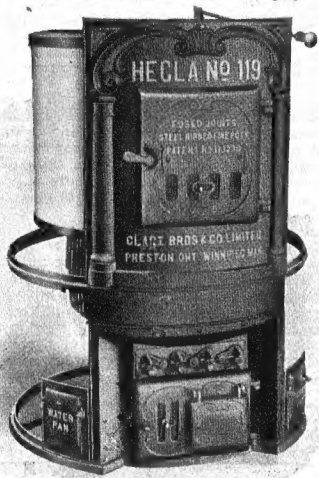
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WINNIPEG MAN.

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A Perfect Warm Air Heating System for "Guide" House Plan No. 1

Saves one ton of coal out of seven. Guaranteed to heat your house thoroughly.



Using the Celebrated HECLA Furnace and the latest system of installation. There is no huddling about the register to keep warm. The rooms all over the house are comfortably heated—every corner is warm. The air in the room is constantly changing, it draws the cold air from near the outside doors, heats it and circulates it through the house. No stagnant air to breathe over and over again, endangering one's health.

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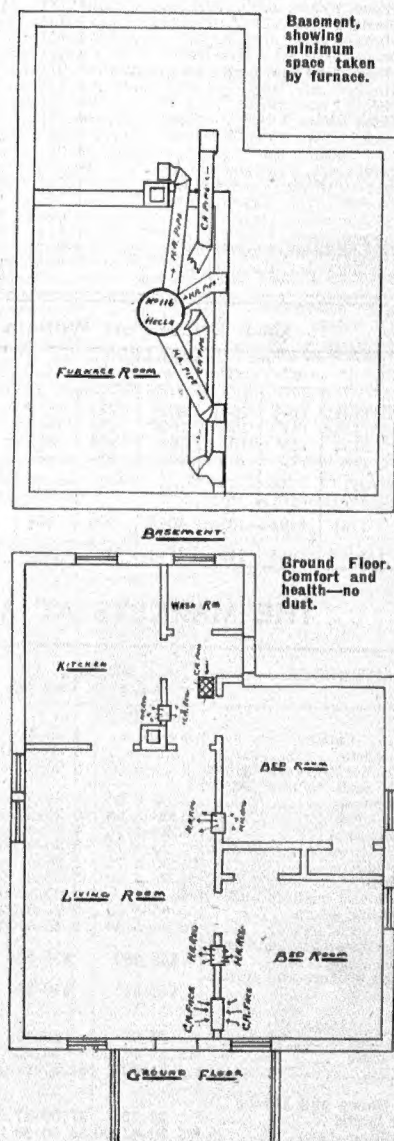
The Circular Water Pan of the HECLA, running all around the furnace, sends moisture to every warm air pipe. Every room gets its proper share. Let us send our Booklet which fully describes and illustrates these and other Special Features not to be had on any other furnace.

We will furnish No. 16 HECLA Furnace, with the proper size Warm and Cold Air Registers, and all pipes and Fittings, for the sum of \$93.50. This plant installed, according to our Plans and Specifications, we will guarantee to heat your house thoroughly in the coldest weather.

We manufacture the ADANAC and IMPERIAL BOILERS for Steam and Hot Water Heating. Our HYDRO-THERMIC RADIATION, is the latest and best type of Radiation, in efficiency, economy and appearance. **INVESTIGATE IT.** We will be pleased to furnish Plans and Estimates free of charge.

SEND FOR CATALOGUES

CLARE BROTHERS, WESTERN, Limited
MANUFACTURERS OF HEATING GOODS OF EVERY DESCRIPTION FOR ALL KINDS OF BUILDINGS
WINNIPEG, MAN.



The Farmers' Market

WINNIPEG MARKET LETTER

(Office of The Grain Growers' Grain Company Limited, December 31, 1915)

The last week of the year 1915 saw exceptional activity in the grain markets for the holiday season. The range of prices each day was quite wide, and although there were some bad breaks, these were of short duration and reactions were always quick. The volume of trading in futures was heavy. A certain amount was speculative, but there was also a lot of buying by exporters. The trade in cash wheat during the week was not so brisk as in futures. While there is a good export demand for our wheat, the transportation problem is a difficult one at present. Reports from Argentina and Australia are very favorable, but they have very high freight rates to contend with.

The oats market has also been active, with a considerable volume of trading and a good demand for cash oats, particularly of low grades.

Barley has been dull, with no buyers, until Thursday, when some sales were reported at 53 cents for No. 3 C.W., and 58 cents for No. 4 C.W.

Flax has been advancing, and flax futures show a gain of over 6 cents for the week.

WINNIPEG FUTURES

Wheat—	Dec.	May	July
Dec. 28	114½	118½	118½
Dec. 29	115½	118½	118½
Dec. 30	117½	120½	121
Dec. 31	115½	120	120
Jan. 1—New Year's Day—Holiday			
Jan. 3	118½	118½	118½
Week ago	116½	120½	121
Year ago	132½	132½	133½
Oats—	Dec.	May	July
Dec. 28	40½	44½	44½
Dec. 29	40½	44½	44½
Dec. 30	41½	45½	45½
Dec. 31	41½	45½	45½
Jan. 1—New Year's Day—Holiday			
Jan. 3	44½	44½	44½
Week ago	41½	45½	45½
Year ago	58½	58½	58½
Flax—	Dec.	May	July
Dec. 28	197½	189½	189½
Dec. 29	199½	191½	191½
Dec. 30	192½	202½	202½
Dec. 31	194½	202½	202½
Jan. 1—New Year's Day—Holiday			
Jan. 3	201½	201½	201½
Week ago	189½	197½	197½
Year ago	144½	144½	144½

MINNEAPOLIS CASH SALES

(Sample Market, Dec. 31)

No. 1 hard wheat, 1 car, W.B.	\$1.26½
No. 1 hard wheat, 3 cars	1.25½
No. 1 hard wheat, 1 car	1.25½
No. 1 hard wheat, 2 cars	1.25½
No. 1 hard wheat, 1 car	1.26
No. 1 hard wheat, 1 car	1.25½
No. 1 Nor. wheat, 11 cars	1.24½
No. 1 Nor. wheat, 1 car, ch. dockage	1.27½
No. 1 Nor. wheat, 13 cars	1.23½
No. 1 Nor. wheat, 1 car, sample sale	1.20½
No. 1 Nor. wheat, 5 cars	1.24½
No. 1 Nor. wheat, part car	1.23½
No. 2 Nor. wheat, 1 car, sample	1.19½
No. 2 Nor. wheat, 1 car, run	1.20
No. 2 Nor. wheat, 4 cars	1.19½
No. 2 Nor. wheat, 1 car	1.18½
No. 2 Nor. wheat, 1 car	1.19½
No. 2 Nor. wheat, 1 car	1.21½
No. 3 wheat, 1 car	1.17½
No. 3 wheat, 2 cars	1.16½
No. 3 wheat, 2 cars	1.14
No. 3 wheat, 3 cars	1.16½
No. 3 wheat, 1 car	1.12½
No. 3 wheat, 2 cars	1.16½
No. 3 wheat, 2 cars	1.17½
No. 3 wheat, 1 car, frost, bin burnt	1.11½
No. 3 wheat, 1 car, bin burnt, sample sale	1.07½
No. 3 wheat, 2 cars, frost	1.11½
No. 3 wheat, 1 car, transit	1.16½
No. 3 mixed wheat, 1 car	1.12½
No. 1 mixed wheat, 1 car	1.19
Rye mixed wheat, 1 car	1.05
Wheat screenings, 1 car, per ton	18.25
No. 3 western wheat, 1 car, o.w.b.	1.14½
No. 2 western wheat, 1 car	1.19
Sample grade wheat, 1 car	1.00
Sample grade wheat, 1 car	1.01½
Sample grade wheat, 1 car	1.08½
Sample grade wheat, 1 car, choice	1.20½

No. 1 hard wheat, 1 car, c.o.	1.21½
No. 1 hard wheat, 1 car, tough	1.05½
Millet, 1 car	2.30
Timothy, 49 sacks, c.w.t.	7.00
No. 4 wheat, 1 car	1.13½
No. 4 wheat, 1 car, transit	1.14½
No. 4 wheat, 1 car	1.16½
No. 3 corn, 1 car	72
No. 4 yellow corn, 1 car	79
No. 5 corn, 1 car, mixed	67
No. 3 white oats, 1 car, choice	44
Standard white oats, 2 cars	44
Mill oats, 1 car, sample	35
No. 3 white oats, 1 car, arrive	32½
Mill oats, 1 car, f.o.b.	34
No. 3 white oats, 1 car	42½
No. 4 white oats, 5 cars	41½
No. 4 white oats, 1 car, run	40
No. 3 white oats, 5 cars	42½
Sample grade white oats, 1 car	41½
Sample grade white oats, 1 car, wild oats	40
No. 4 white oats, 1 car	42
No. 1 feed barley, 1 car, Montana	75
No. 2 feed barley, 2 cars	67
No. 2 feed barley, 1 car	66½
No. 2 feed barley, 1 car	67
No. 1 feed barley, 1 car	65½
No. 1 feed barley, 1 car, tough	64
No. 1 feed barley, 1 car	65
No. 1 feed barley, 2 cars	66½
No. 1 feed barley, 1 car	64½
No. 1 feed barley, 1 car	68
No. 1 feed barley, 1 car	65½
Sample barley, 1 car, No. 2 row mixed	64½
Sample barley, 3 cars	65½
Sample barley, 1,700 bu., to arrive	64½
Sample barley, 1 car	64½
Sample barley, 1 car, No. 2 row	72
No. 1 flax, 300 bu., to arrive	2.20
No. 1 flax, sack	2.15
No. 1 flax, part car	2.10
No. 1 flax, 1 car	2.20½
No. 1 flax, 1 car, Montana	1.22
No. 1 flax, 6 cars, choice, Montana	2.21½
No. 1 flax, 1 car, dockage	2.21½

GRAIN IN INTERIOR TERMINAL ELEVATORS

For the week ending December 29 there was in store in the interior terminal elevator at Moose Jaw: Wheat, 22,191 bushels; oats, 21,471.26 bushels; barley, 444.28 bushels; and flax, 3,363.12 bushels. In the interior terminal elevator at Saskatoon: Wheat, 1,052,133.30 bushels; oats, 43,805 bushels; barley, 698.16 bushels; and flax, 19,794.34 bushels.

STOCKS IN TERMINALS

Fort William, December 31, 1915.—

	This Year	Last Year
1 hard	79,229.50	13,203.50
1 Nor.	7,154,199.40	773,650.20
2 Nor.	3,347,006.30	1,373,396.20
3 Nor.	2,379,857.50	957,194.20
No. 4	1,240,205.40	565,855.20
Others	2,378,471.50	870,039.50
This week	16,578,971.20	4,533,340.00
Last week	13,550,072.20	4,035,632.40
Increase	3,028,899.00	497,707.20

	Oats	
1 C.W.	212,531.08	15,639.24
2 C.W.	2,743,630.27	635,738.17
3 C.W.	1,345,326.23	337,891.33
Ex. 1 Fd.	430,375.31	213,750.20
Others	1,388,077.01	876,688.15

This week	6,119,941.22	This week	2,079,709.07
Last week	5,028,467.32	Last week	1,973,049.22

Increase	1,091,473.24	Increase	106,659.19
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	Barley		Flaxseed
3 C.W.	523,051.01	1 N.W.C.	648,680.06
4 C.W.	278,036.46	2 C.W.	72,326.20
Rej.	90,211.40	3 C.W.	30,751.17
Feed	56,959.42	Others	29,456.55
Others	189,532.40		

This week	1,137,792.25	This week	781,219.51
Last week	1,001,349.26	Last week	756,046.18

Increase	136,442.47	Increase	25,173.33
Last year's total	250,167.28	Last year's total	613,880.08

SHIPMENTS

	Wheat	Oats	Barley	Flax
1915 (lake)	297,186	841,855	308,591	76,258
(rail)	308,591	76,258	35,865	
1914 (lake)	145,427	33,291	25,407	18,266
(rail)				

CANADIAN VISIBLE SUPPLY

Week ending December 31, 1915.—

	Wheat	Oats	Barley
Ft. William and Pt.			
Arthur Ter.	16,578,971	6,119,941	1,137,792
Depot Harbor	440,619		115,042
In vessels in Can.			
Ter. Harbors	7,762,243	6,437,087	336,908
Total	24,781,833	12,557,028	1,589,742
In vessels in Can.			
Ter. Harbors	1,413,624	2,537,549	
At Buffalo and Duluth	17,593,586	507,773	179,590
Total this week	43,789,043	15,652,400	1,769,332
Total last week	42,909,112	14,887,493	1,658,345
Total last year	15,504,845	6,978,325	821,572

The Livestock Markets

South St. Paul, Dec. 31.—Estimated receipts at the Union stockyards today: Cattle, 1,000; calves, 300; hogs, 10,800; sheep, 4,700; cars, 186.

Cattle—Outlet for fat cattle was steady as compared with that on the previous days of the week. Stockers and feeders of desirable sorts have been somewhat stronger this week, owing to mildly improved demand and restricted supplies. The year's livestock receipts were about 712,000 cattle, 142,600 calves, 2,155,000 hogs, 703,000 sheep, 9,000 horses and 58,800 cars. New records have been established in volume of cattle, calf, hog and carload receipts. Last year's carload deliveries here numbered 45,232, and was the yard record for a year's run.

Hogs—The following shows the weight, cost and price range of hogs for Thursday, Dec. 30: Average weight 178 lbs.; average cost, \$6.35; price range, \$6.00 to \$6.50. Hogs drew bids strong to ten cents above Thursday from the start off of today's session. Sales ranged from \$6.25 to \$6.60, with bulk quoted at \$6.45 to \$6.50.

Sheep—Sheep and lamb prices were about steady today. Only a few loads were on sale here, as bulk of the liberal run was on thru consignment.

Calgary, Jan. 1.—The Livestock Department of the Alberta Farmers' Co-operative Elevator Company Ltd. reports last week's Alberta stockyards receipts: 205 horses, 765 cattle, 2,719 hogs, 192 sheep. This week's receipts were: 165 horses, 420 cattle, 981 hogs, 3 sheep. Outward shipments—1 car of cattle to Vancouver, 9 cars to New Westminster. N.B.—Receipts and shipments

WINNIPEG and U.S. PRICES

Closing prices on the principal western markets on Friday, Dec. 31, were:—

	Winnipeg	Minneapolis
1 Nor. wheat	\$1.15	\$1.21½
2 Nor. wheat	1.12	1.18½
3 Nor. wheat	1.06	1.14
3 white oats	.36½	.42½
Barley		63-69
Flax, No. 1	1.93	2.20
Futures—		
Dec. wheat	1.15½	1.20½
May wheat	1.20	1.21½
July wheat	1.20	1.20½

do not include Friday's and Saturday's cars, on account of the holiday.

Cattle—Medium weight cattle, 1,100-1,300 lbs., sold strong at \$8.10 all the week, with special quality cattle bringing \$8.35. Today there was good B.C. demand and 10 cars were shipped to the coast. Fat heifers, \$5.50; choice cows, \$5.00 to \$5.25; stock heifers, \$6.00 to \$6.25.

Hogs—Select hogs sold for \$8.80 on Monday and balance of week at \$8.85, except Friday when the market advanced to \$8.90. Swift & Co., Toronto, are shipping tomorrow. Burns has been getting the majority of the hogs all the week. W. Davies & Co. not buying.

Sheep—Top yearling wethers and lambs, \$8.00-\$8.25; ewes, \$7.00.

Toronto, Dec. 29.—With 700 odd cattle offered on the local livestock market today, trade for better class heavy steers was improved, but for other classes the demand was slow, with a weaker tendency to prices. Some fairly choice loads ranged from \$7.50 to \$7.70, with good at \$7.00 to \$7.50, medium at \$6.50 to \$7.00, and common at \$6.00 to \$6.50.

Demand came strong for cows and bulls, and prices held firm at \$5.75 to \$6.75 for better classes, with odd animals reported at higher figures. Canners and outers were taken at steady rates, being in demand.

In the small meats department lambs were a firm, strong feature, going to packers at \$10.00 to \$11.00 for best. Calves were in request and sold at \$9.00 to \$10.35. Sheep ewes brought \$6.35 to \$7.50, for light, and while swine were still quoted at \$8.75 by packers, offerings held at the former levels of Tuesday at \$9.00 to \$9.10, fed and watered.

Winnipeg, Jan. 3.—The market for all classes of stock during the past week has been dull. Receipts all thru have been light, not enough coming to make a market. Cattle are holding steady around last week's prices, choice heavy steers being quoted at \$6.25 to \$6.50, and choice heifers \$5.50 to \$5.85.

Hogs are steady and holding about even today at \$9.00. Eastern markets are largely the determining factor here at present and as long as they hold steady there will be very little change here.

Sheep are too scarce to warrant a quotation being made.

Country Produce

CALGARY PRODUCE—The holiday rush on the market has been very heavy and most of the produce for sale quickly changed hands at good prices.

WINNIPEG PRODUCE—Note—All prices quoted are f.o.b. Winnipeg unless otherwise stated.

Butter—There is very little fluctuation in prices on the produce market at this time of the year. Creamery butter has advanced slightly in price, but as far as farm supplies are concerned the little coming warrants no change this week. Fancy dairy butter is worth 24 to 26 cents per pound, No. 1 dairy is 24 to 25 cents per pound and good round lots are 21 to 23 cents per pound.

Eggs—New laid eggs are in great demand, but the supply of such is very small. Dealers will pay 40 to 45 cents per dozen for such, but private individuals are willing to pay more provided they can be sure of the genuineness of the article. Canned eggs in cases are only worth 25 cents per dozen and the quality is poor.

Potatoes—Most persons lay in a supply of potatoes in the fall. This does away with much of the trade during the winter months, thus the market in this line is generally dull. There is no change this week, dealers quoting 50 cents per bushel for potatoes.

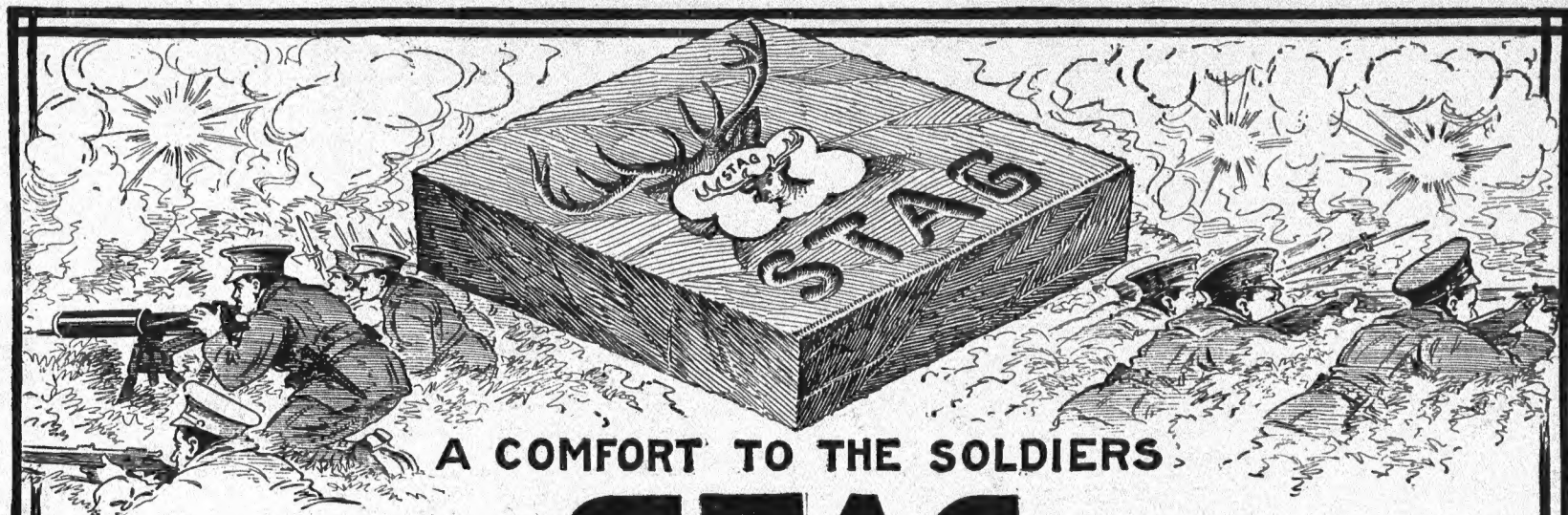
Milk and Cream—With a slight raise in creamery butter prices, sour cream for butter-making purposes has advanced 2 cents per pound of butter fat, the price being this week 37 cents. Sweet cream is still 40 cents per pound of butter fat and milk is unchanged at \$2.50 per hundred pounds. There is a probability that in the near future milk will be purchased on the basis of the butter fat which it contains instead of the straight weight basis.

Cash Prices Fort William and Port Arthur from December 28 to January 3 inclusive

	WHEAT								OATS					BARLEY				FLAX			
Date	1°	2°	3°	4	5	6	Feed	2 CW	3 CW	Ex 1 Fd	1 Fd	2 Fd	No. 3	No. 4	Rej.	Feed	1 NW	2 CW	3 CW	Rej.	
Dec. 28	113½	110½	105½	102½	93½	83½	73½	39	36	36	35	34	..	..	..	..	189	186	..	..
29	113½	111	106	102½	93½	83½	73½	39	36	36	35	34	..	..	..	..	191	188	..	..
30	115½	113	108	104	95½	85½	75½	39½	36½	36½	35½	34½	..	..	49	49	192½	189½	..	..
31	115	112	106	104	95	85	75	39½	36½	36½	35½	34½	..	..	..	..	193	190	..	..
Jan. 1	113	110½	105½	102	93	83	73	NEW	Y E	A R	S	D A Y	H O L I	D A Y	..	..	..	..	..	..
3	113	110½	105½	102	93	83	73	39½	36½	36½	35	34	63	58	49	49	192½	189½	..	..
Week ago	115½	112½	108½	104½	95½	85½	75½	40	37	37	35	34	..	..	..	..	189	186	..	..
Year ago	126½	123½	119½	115½	111	106	102	56	53	53	51	50	65	61	57	57	133	135	..	..

THE MARKETS AT A GLANCE

LIVESTOCK	Winnipeg		Toronto Dec. 29	Calgary Jan. 1	Chicago Dec. 31	St. Paul Jan. 2	COUNTRY PRODUCE	Winnipeg		Calgary Dec. 24	Saskatoon Dec. 4	Regina Dec. 24	Brandon Dec. 4
	Jan. 3	Year Ago						Jan. 3	Year Ago				
Cattle	\$ c o	\$ c o	\$ c o	\$ c o	\$ c o	\$ c o	Butter (per lb.)						
Choice steers		6.50-7.00	7.50-8.00	6.10-6.35	8.35-9.75	7.00-8.75	Fancy dairy	24c-26c	24c	37½c	.....	35c	30c
Best butcher steers and heifers	6.25-6.50	6.00-6.50	7.00-7.50	6.00	6.20-8.10	3.75-7.25	No. 1 dairy	24c-25c	21c	30c-35c	.....	30c	28c
Fair to good butcher steers and heifers	5.50-6.25	5.25-5.50	6.50-7.00	.....	.....	.....	Good round lots	21c-23c	18c	25c	27½c	25c-28c	25c
Best fat cows	4.50-5.25	5.25-5.75	6.25-6.75	4.75-5.25	2.80-8.40	3.75-7.25	Eggs (per doz.)	.....	26c	.....	30c	35c	30c
Medium cows	4.25-4.75	4.75-5.00	5.25-5.75	.....	2.80-8.40	4.25-6.25	Subject to candling	25c	.....	.....	30c	35c	30c
Common cows	3.25-3.75	3.50-3.75	4.50-5.00	3.50-4.75	2.80-8.40	4.25-6.25	New Laid	40c-45c	35c-55c	55c	40c	50c-60c	40c
Choice heifers	5.50-5.75	5.75-6.25	7.15-7.60	5.50	.....	4.25-6.25	Potatoes	.....	.....	.....	.....	.....	.....
Best bulls	4.75-5.00	5.25-5.50	6.25-7.00	3.00-4.50	.....	4.25-6.25	In sacks, per bushel, new	50c	55c-60c	55c	45c	75c	50c
Common and medium bulls	.....	4.25-4.50	5.50-6.00	.....	.....	3.50-5.60	Milk and Cream	.....	.....	.....	.....	.....	.....
Best feeding steers	5.65-5.85	5.25-5.50	6.00-6.75	5.50-6.00	.....	4.25-6.75	Sweet cream (per lb. butter-fat)	50c	35c	33c-35c	.....	.....	.....
Best stocker steers	5.25-5.50	4.75-5.25	6.00-6.50	.....	.....	4.00-6.25	Cream for butter-making purposes (per lb. butter fat)	.....	.....	.....	.....	.....	.....
Best milkers and springers (each)	\$65-\$80	\$55-\$65	\$50	\$60-\$75	.....	.....	Sweet milk (per 100 lbs.)	37c	28c	28c-31c	.....	.....	32c
Common milkers and springers (each)	\$45-\$55	\$40-\$45	\$40	\$55-\$60	.....	.....	Dressed Poultry	\$2.50	\$2.25	53c per lb. of butter-fat	.....	.....	.....
Hogs							Chickens	17c	12½c	.....	14c-16c	23c	16c
Choice hogs	\$9.00	\$6.75	\$9.15	\$8.90	\$6.50-\$7.05	\$6.75	Fowl	13c-14c	9c-10c	.....	12c-16c	16c-18c	12c
Heavy sows	\$6.25-\$7.00	\$5.75	.....	.....	.....	.....	Ducks	15c	12½c	.....	12c-16c	18c-20c	14c
Stags	\$4.50	\$4.25-\$4.75	.....	.....	.....	.....	Geese	15c	.....	.....	12c-16c	18c-20c	16c
							Turkeys	19c	16c-18c	.....	18c-22c	22c-25c	16c
Sheep and Lambs							Hay (per ton)						
Choice lambs	\$8.75	\$7.00-\$7.50	\$10-\$11	\$3.00-\$8.25	\$7.00-\$9.65	\$8.00-\$9.25	No. 1 Red Top	\$14	\$14	.....	.....	\$18	.....
Best killing sheep	\$6.50-\$7.00	\$5.50-\$6.00	\$6.00-\$7.50	\$7.00	\$6.40-\$7.00	\$4.50-\$6.50	No. 1 Upland	\$12	\$12	\$9	\$11	\$12	\$12.00
							No. 1 Timothy	\$16	\$15	\$14	\$10	.....	.....
							No. 1 Midland	\$11	\$10-\$11	.....	.....	\$10	.....



A COMFORT TO THE SOLDIERS

STAG CHEWING TOBACCO

SAVE THE COUPONS GOOD FOR PRESENTS

The fine, rich flavour and lasting qualities of "STAG" have made this famous chewing tobacco a prime favorite all over Canada.

Our gallant Canadian boys at the front are enjoying its satisfying qualities.

Extract of a letter from a Corporal at the front to a Suffolk Clergyman:—

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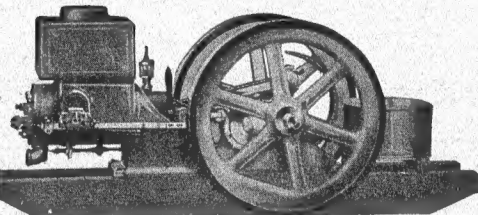
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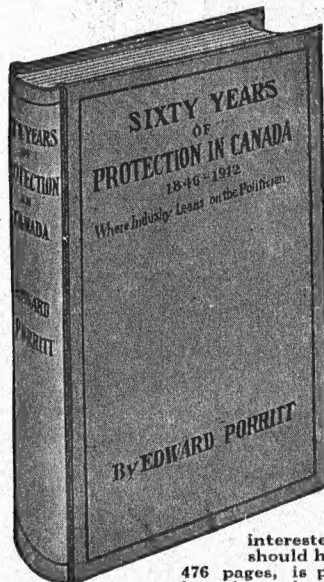
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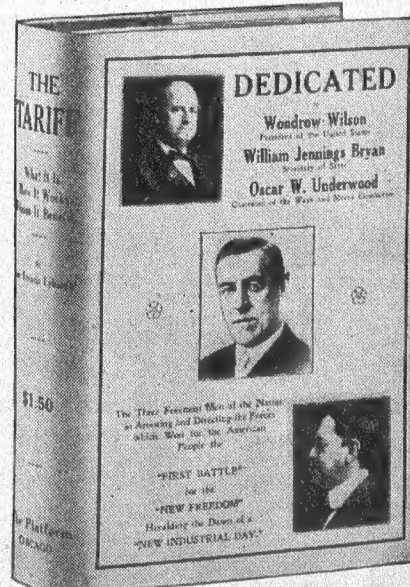
What it is—How it Works and Whom it Benefits

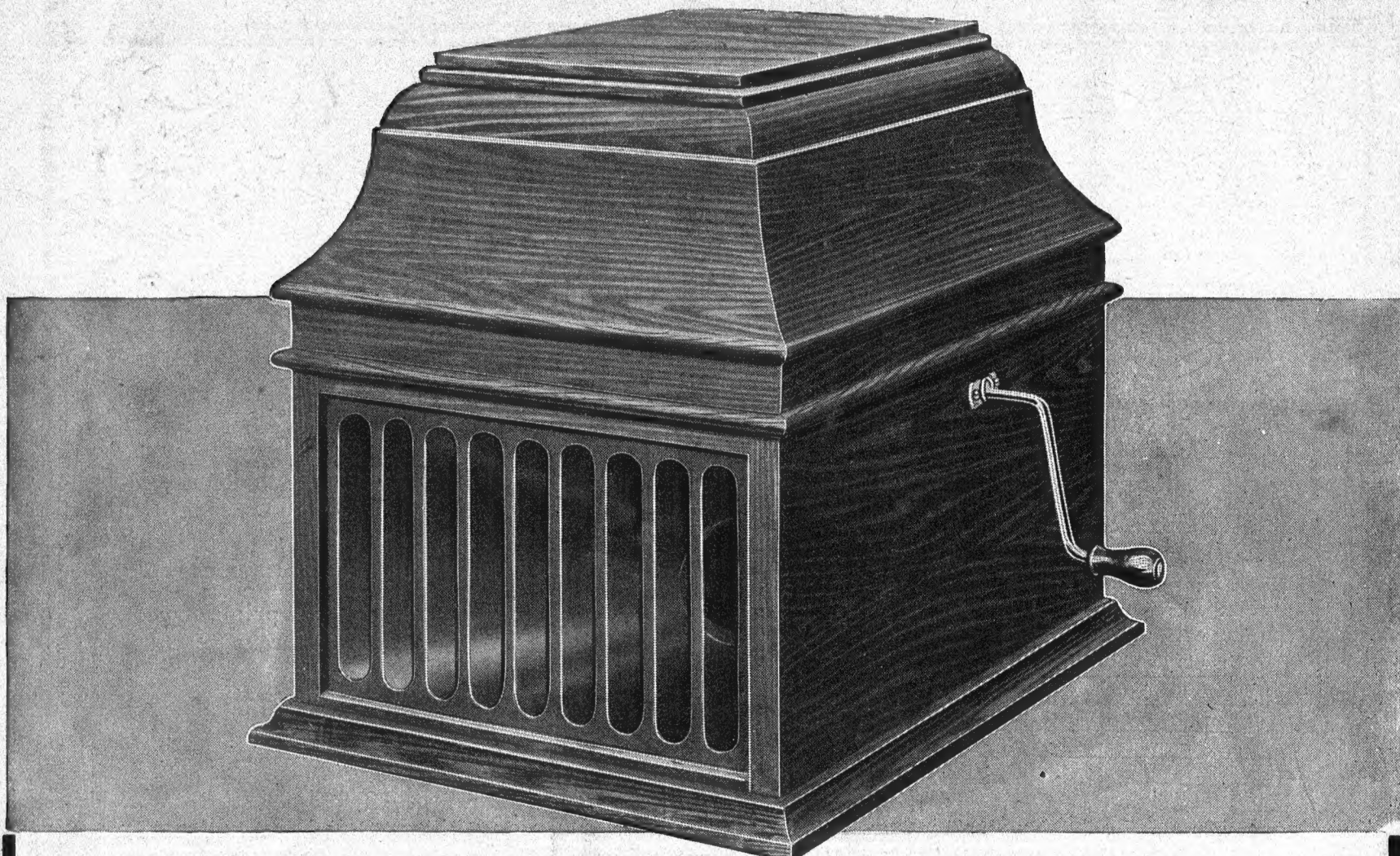
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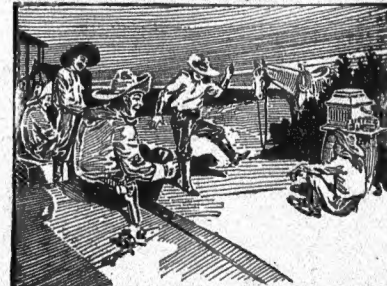
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